Indian and Northern Affairs Canada
Affaires indiennes et du Nord Canada

YUKON EXPLORATION 1984

Canada

87-00265/

View (looking south) of Mount Skukum Gold Mine under development in summer 1984. Access road is at right, exploration drift portal is left of centre and Mount Skukum is highest peak in distance at top right.

Exploration and Geological Services Division of Northern Affairs Program invites readers to write and inform us of their language preference with respect to Yukon Exploration and Geology Reports and other geotechnical reports prepared by the Division. Please write to:

Exploration and Geological Services
Division
Northern Affairs Program
200 Range Road
Whitehorse, Yukon
Y1A 3V1

YUKON
EXPLORATION 1984

Exploration and Geological Services Division
Mineral Resources Directorate
Northern Affairs Program
Yukon Region
Indian and Northern Affairs Canada

Whitehorse, Yukon

Published under the authority of the
Hon. Bill McKnight, P.C., M.P.,
Minister of Indian Affairs and
Northern Development,
Whitehorse, 1986.

QS-Y038-000-EE-A1
Catalogue No. R71-41/1984E
ISBN 0-662-15042-2

©Minister of Supply and Services Canada

CONTENTS

	PAGE
RESUME	1
YUKON EXPLORATION 1984	
Introduction	4
EXPLORATION AND GEOLOGICAL SERVICES DIVISION	
Services	4
ACKNOWLEDGEMENTS	5
1984 YUKON MINING AND EXPLORATION OVERVIEW; D.S. Emond, D.A. Downing and J.A. Morin	
SUMMARY	6
MINING AND DEVELOPMENT	8
EXPLORATION ACTIVITY	8
1984 ACTIVITIES OF NORTHERN AFFAIRS	22
SUMMARIES OF ASSESSMENT WORK, DESCRIPTION OF MINERAL PROPERTIES, AND MINERAL CLAIMS STAKED IN 1984	25
LA BICHE (NTS 95 C)	26
COAL RIVER (NTS 95 D)	30
FLAT RIVER (NTS 95 E)	34
WATSON LAKE (NTS 105 A)	36
WOLF LAKE (NTS 105 B)	44
TESLIN (NTS 105 C)	60
WHITEHORSE (NTS 105 D)	66
LABERGE (NTS 105 E)	82
QUIET LAKE (NTS 105 F)	86
FINLAYSON LAKE (NTS 105 G)	92
FRANCES LAKE (NTS 105 H)	96
NAHANNI (NTS 105 I)	100
SHELDON LAKE (NTS 105 J)	102
TAY RIVER (NTS 105 K)	106
GLENLYON (NTS 105 L)	112
MAYO (NTS 105 M)	116
LANSING (NTS 105 N)	126
NIDDERY LAKE (NTS 105 O)	128
SEKWI MOUNTAIN (NTS 105 P)	142
BONNET PLUME (NTS 106 B)	144
NADALEEH RIVER (NTS 106 C)	146
NASH CREEK (NTS 106 D)	150
WIND RIVER (NTS 106 E)	160
SNAKE RIVER (NTS 106 F)	162
DEZADEASH (NTS 115 A)	164
MOUNT ST. ELIAS (NTS 115 B-C)	172
KLUANE LAKE (NTS 115 G-F)	174
AISHIHIK LAKE (NTS 115 H)	180
CARMACKS (NTS 115 I)	186
SNAG (NTS 115 J-K)	192
STEWART RIVER (NTS 115 O-N)	196
MCQUESTEN (NTS 115 P)	218
LARSEN CREEK (NTS 116 A)	224
DAWSON (NTS 116 B-C)	226
OGILVIE RIVER (NTS 116 G-F)	240
HART RIVER (NTS 116 H)	242
MARTIN HOUSE (NTS 106 K), TRAIL RIVER (NTS 106 L), EAGLE RIVER (NTS 116 I), PORCUPINE RIVER (NTS 116 K), OLD CROW (NTS 116 N-O), BELL RIVER (NTS 116 P), BLOW RIVER (NTS 117 A)	244
INDEX OF ACQUISITIONS OF H.S. BOSTOCK CORE LIBRARY	248
EMR EXPLORATION ACTIVITY STATISTICS	252
LIST OF REFERENCES	253
INDEX	267

VUE D'ENSEMBLE DES TRAVAUX D'EXPLORATION ET D'EXPLOITATION MINIÉRE AU YUKON EN 1984

PAR

D.S. Emond, D.A.Downing et J.A. Morin

Division des services géologiques et d'exploration,

ministère des Affaires indiennes et du Nord canadien, Yukon

RÉSUMÉ

En 1984, le Yukon voyait son industrie minière toujours en difficulté et l'activité du secteur de l'exploration minérale était faible.

Comparativement à 1984, la production a été en 1983 de 2,3 millions de grammes d'or fin (placer) au lieu de 2,4 millions; de 29 millions de grammes d'argent au lieu de 43 millions; de 1,1 million de kilogrammes de plomb au lieu de 2,3 millions, et de 63 000 kilogrammes de zinc au lieu de 98 000. En 1984 , la valeur de la production minérale du Yukon est 60 millions de dollars, alors qu'elle équivalait à 63 millions en 1983.

MINES

A Elsa, la United Keno Hill Mines Ltd a exploité son filon minéralisé en Ag, Pb, Zn, au modeste rythme de production de 270 tonnes par jour. Plusieurs petites exploitations de productions de minerai riche en Ag, Pb et Zn ont été en activité à Keno Hill et dans la région de la rivière Hess (PLATA) mais on n'a signalé aucune autre importante exploitation en roche dure. La Cyprus Anvil a réalisé un programme d'enlèvement des morts-terrains, sur le corps minéralisé (en Pb, Zn et Ag) de FARO, conformément à un programme financé conjointement par cette compagnie et le gouvernement fédéral. Depuis deux ans des améliorations ont été apportées à l'usine de traitement, les réserves et la productivité ont augmenté, et le coefficient de recouvrement a diminué. Toutefois, la compagnie considère encore les coûts du transport, de l'énergie et de la main-d'oevre comme un obstacle, et en janvier 1985, aucune décision n'avait été prise quant à la réouverture de la mine. Comparativement à 1983, l'exploitation minière des placers était réduite, les exploitants ayant concentré leurs activités dans les régions traditionnelles du Klondike, de Sixty Mile, de Mayo, du ruisseau Clear, de Livingstone et de Kluane.

EXPLORATION MINÉRALE

La prospection des métaux précieux a constitué l'essential des activités d'exploration. D'importants travaux préparatoires ont eu lieu à Mount Skukum au sud-ouest de Whitehorse, où des andésites de l'Eocène abritent un réseau filonien minéralisé en or et en argent, riche en quartz et en carbonate, exempt de

sulfures. On estime provisoirement les réserves à 235 000 tonnes de minérai d'Au à 20 g/t, et dans le cadre d'un programme de traçage souterrain en cours, on a recoupé le réseau filonien à la fin du mois de décembre. A proximité, la United Keno Hill Mines Ltd a suivi, par traçage le long du réseau filonien de la mine Venus, un gisement épithermal contenu dans des andésites du Crétacé supérieur.

La propriété de NIDWAY située dans la partie la plus septentrionale de la Columbie-Britannique a éveillé un grand intérêt à propos de l'existence d'un filon de minerai d'Ag, de Pb et de Zn, d'un filon de substitution et d'une minéralisation bréchiforme dans la zone contigue de Rancheria, située dans le sud du Yukon.

Un filon de substitution contenant des sulfures massifs aurifères dans des calcaires du Cambrian inférieur apparait près de la source de la rivière Ketza, dans les monts Pelly. Les travaux intensifs d'exploration effectués par la Canamax dans ses propriétés, ont permis d'augmenter de façon importante le chiffre des réserves, jusqu'à 460 000 tonnes de minerai d'Au à 9,63 g/t. D'autres activités de prospection des métaux précieux ont eu lieu dans la région du chainon Dawson; les recherches portaient sur des réseaux filoniens épithermaux associés à des culots de porphyre rhyolitique subvolcaniques du Crétacé supérieur, sur des filons carbonatés minéralisés en argent et en métaux communs et des filons quartzeux argentifères situés à Keno Hill, ainsi que sur des filons minéralisés en or, en quartz et en jamesonite situés dans la région du mont Hinton à proximité de Keno Hill.

Près de Ross River à Grew Creek, la Hudson Bay a effectué plus de 2 000 m de forages sur un objectif caractérisé par une minéralisation aurifère disséminée, abritée dans des coulées de cendres tertiaires, avec argilisation et silicification associées.

Au Klondike, on prospecte des réseaux filoniens aurifères conformément à plusieurs modèles génétiques differents. Parmi ces modèles, citons l'association à une argilisation quarternaire (?), une altération quartzo-carbonatée des roches ultramafiques, des intrusions subvolcaniques de porphyre quartzifère survenus à l'Eocène, et des roches volcaniques felsiques déformées du Paléozoique. Ces activités de prospection intenses fourniront sûrement assez de nouvelles données pour aider à résoudre la question de l'or des gisements de type placer.

On a poursuivi à un niveau modeste l'exploration des gisements stratiformes de plomb et de zinc contenus dans des argiles litées; la Getty a effectué des forages dans les gisements de Clear Lake, la Cominco Ltd. dans les concessions FIN et NIDD. Les seuls travaux de prospection significatifs concernant le tungstène ont été réalisés par la compagnie Amax; cette dernière a continué les travaux préparatoires souterrains et effectué des échantillonnages en vrac dans le gisement de Mactung.

RÉSUME DES TRAVAUX D'EXPLOITATION MINIÈRE ET DES PRÉPARATOIRES AU YUKON

EXPLOITANT	MINES	PERSONNES (#)	PRODUCTION (tonnes)	MINERAI TRAITÉ Au(gm)	Ag(gm)	Pb(kg)	Zn(kg)	Fe(kg)	MORTS-TERRAINS ENLEVÉS (m3)	FORAGES EN SURFACE Diamant	Percussion	FORAGES SOUTERRAINS	TRAVAUX PRÉPARATOIRES SOUTERRAINS Horizontaux	Verticaux
UKHM	Venus	20	0	0	0	0	0	0	0	0	0	0	429.4632	206.0448
ERICKSON	Mt. Skukum	19	0	0	0	0	0	0	0	0	0	0	424.5864	0
CYPRUS ANVIL	Faro Zone 3	251	0	0	0	0	0	0	4495771.54	0	0	0	0	0
SPRINGMOUNT	Mt. Keno Silverspring	9	318.4272	0	0	0	0	0	7	0	0	0	87.1728	6.096
UKHM	Husky Ruby Silver King Bermingham Sime 35 Vein Hector Flame Moth Sadie Ladue C-Structure Bellekeno Lucky Queen Mt. Hinton	217	55606.824	0	32109195	879517.25	98054.712	145009.57	0	3936.492	26540.46	56.0832	1189.0248	86.5632
DAWSON ELDORADO	Plata	0	1650	0	9330000	1360800	0	0	0	0	0	0	0	0
ARCHER CATHRO	Sadie Ladue	7	s/o	0	1554780	72560	0	0	s/o	0	0	0	0	0
ARCHER CATHRO	Kane	3	18.14	s/o	s/o	s/o	s/o	0	0	0	0	0	0	0
TOTAL		526	57593.391	0	42993975	2312877.2	98054.712	145009.57	4495771.54	3936.492	26540.46	56.0832	2130.2472	298.704

YUKON EXPLORATION 1984

Introduction

The Government of Canada manages mineral resources in Yukon and Northwest Territories through the Northern Affairs Program of the Department of Indian Affairs and Northern Development. Within the Program three mineral resource directorates exist based in Yellowknife, Northwest Territories, Ottawa-Hull and Whitehorse, Yukon. This volume is prepared by the Exploration and Geological Services Division of the Mineral Resources Directorate, Yukon.

Yukon Exploration 1984 discusses the geology of Yukon mineral deposits and mineral districts under active investigation. The reports are summaries of exploration work done in Yukon during 1984 by mineral exploration companies. Some work done in 1983 that was not previously documented is also included. This volume follows earlier annual Mineral Industry Reports for Yukon published by the Geological Survey of Canada and by the Department of Indian Affairs and Northern Development, and Yukon Exploration and Geology reports also published by the latter.

Summaries of exploration work in this volume are based on reports submitted to the department for assessment credits by exploration companies. Some of these are amplified by replies to questionnaires sent to exploration companies by the Geology Division and by responses to enquiries of the staff. Each summary has been edited and approved for publication by the company that filed the work. The emphasis in the summaries is on the nature and the results of work done. References to published descriptions of the geology are included.

The geological, geochemical and geophysical reports accepted for credit as assessment work by the Department of Indian Affairs and Northern Development may be of interest to exploration geologists. An index to mining assessment reports, including those that are confidential and those available for inspection, is published by the department. Assessment reports are released for public inspection six months after the claims (on which the work was carried out) have lapsed.

EXPLORATION AND GEOLOGICAL SERVICES DIVISION

Services

The Geology Division sells topographic, geological, aeronautical, and land use maps, as well as Geological Survey of Canada publications, covering Yukon and adjacent parts of B.C., and the N.W.T. A library of G.S.C., B.C. Dept. of Mines, U.S. federal and Alaska state government geological publications, and geological texts and journals is available for consultation. Open file reports of the Geological Survey of Canada that concern Yukon are available for viewing. Partial air photo coverage of the Yukon from latitude 60^{o} to 65^{o} N is available for consultation in the office. For those wishing more information, or to order air photos, a complete set of air photo microfiche as well as the most recent catalogue of Yukon from the National Air Photo Library is available for viewing at Energy, Mines and Resources, Surveys and Mapping, Room 208, 204 Range Road (the building next door).

The H.S. Bostock Core Library, across the street from the Geology Division, contains drill core from Yukon mining properties. Some core is available for inspection and some is confidential (an up-to-date listing is included in this report). The core library contains working quarters equipped with diamond saws, a core splitter, rock staining facilities and fume hood. A petrographic microscope with capability for transmitted and reflected light, and a binocular microscope are

also situated in the Core Library. The Geology Division also has the following technical equipment: McPhar Spectra 44 (four channel) gamma-ray spectrometer, ultraviolet lamps and two GR- 0 A scintillometers. The equipment and instruments are available for use by industry personnel in the Core Library by arrangement with the core librarian.

ACKNOWLEDGEMENTS

This report stems from the Geology and Drafting groups of the Northern Affairs Program in Whitehorse. It is an ongoing annual event which essentially starts as soon as the last one is ended. Much of the information is gathered from the mining and mineral exploration industry and their cooperation and assistance are gratefully acknowledged.

Drafting Services Section provided the N.T.S. maps as well as the figures in this report. Their standard is excellent work and is much appreciated.

1984 YUKON MINING AND EXPLORATION OVERVIEW

BY
D.S. Emond, D.A. Downing and J.A. Morin
Exploration and Geological Services Division
Department of Indian Affairs and Northern Development, Yukon

SUMMARY

A continuing 'struggling' mining industry and a low-key mineral exploration sector describes the minerals scene in Yukon during 1984.

Production in 1983 versus 1984 saw 2.3 million to 2.4 million grams of fine gold(placer), 29 million to 43 million grams silver, 1.1 million to 2.3 million kilograms lead and 63 thousand to 98 thousand kilograms zinc. The value of mineral production from Yukon during 1984 is $60 million dollars down from $63 million in 1983.

MINES

United Keno Hill Mines at Elsa mined their Ag-Pb-Zn veins at a modest daily rate of 270 tonnes. Several small high grade Ag-Pb-Zn operations were run on Keno Hill and in the Hess River area (PLATA), but no other major hardrock mines produced! Cyprus Anvil conducted a waste rock stripping program over their PARO Pb-Zn-Ag orebody in a program jointly financed with the federal government. The last two years have seen mill improvements, an increase in reserves and productivity and a decreased stripping ratio, yet transportation, power and labour costs are still viewed by the company as a hurdle and no decision to reopen the mine has been made (as of January 1985). Placer mining activity is reduced from the 1983 level with miners concentrating on the traditional areas of Klondike, Sixty Mile, Mayo, Clear Creek, Livingstone and Kluane.

Mineral Exploration

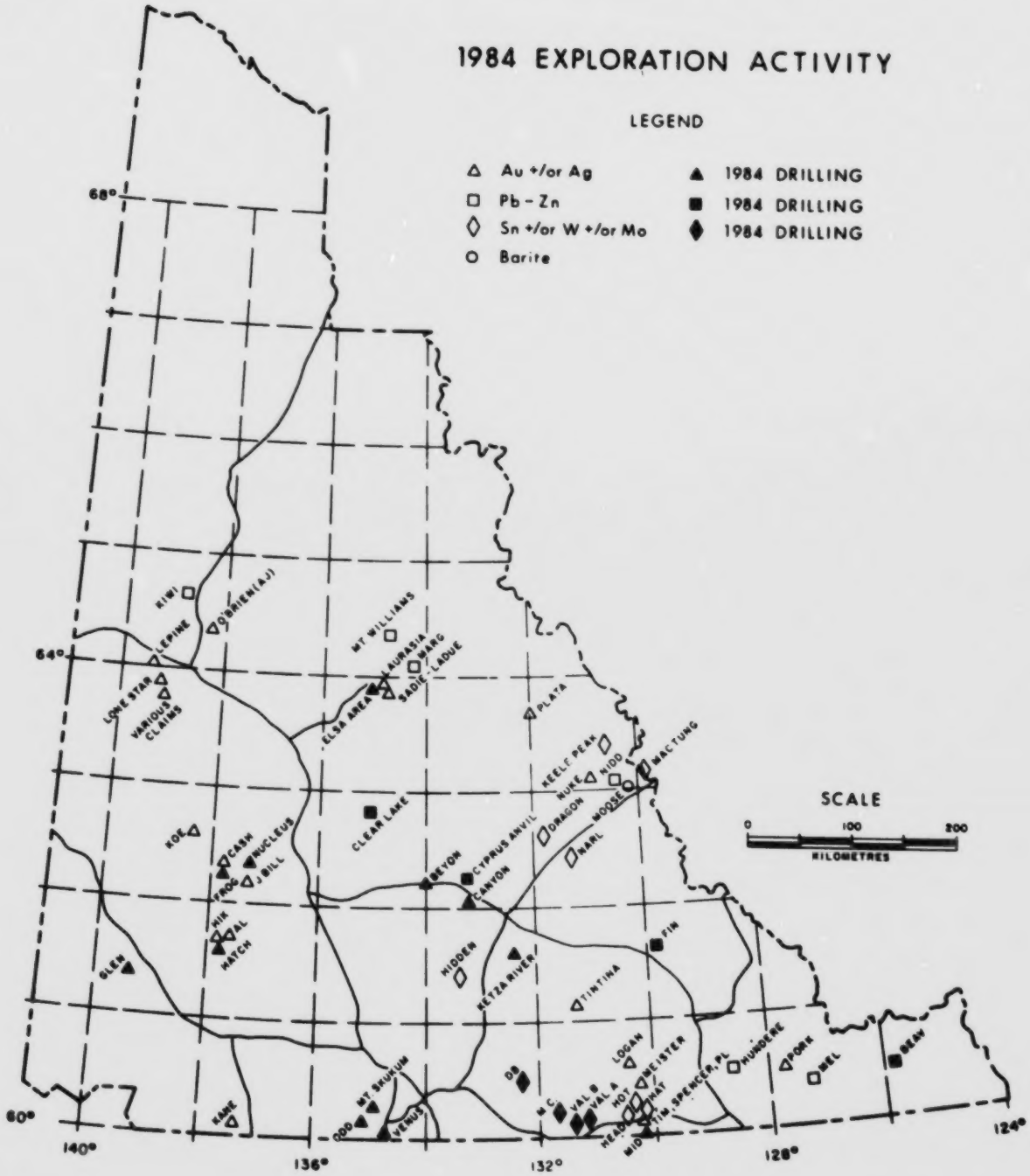
Precious metals dominated the exploration scene. A major development took place at Mount Skukum southwest of Whitehorse where Eocene andesites host a bonanza gold-silver vein system that is quartz-carbonate rich and sulphide free. Preliminary reserves are 235,000 tonnes of 20 g/t Au and a current underground drifting program intersected the vein system in late December. Nearby, United Keno Hill Mines drifted along their vein system at the Venus Mine, an epithermal deposit hosted in Late Cretaceous andesites.

The MIDWAY property in northernmost BC has sparked much interest in Ag-Pb-Zn vein, replacement and breccia mineralization in the contiguous Rancheria area of southern Yukon.

An auriferous massive sulphide replacement in Lower Cambrian limestone occurs at the headwaters of Ketza River in the Pelly Mountains. Intensive property work by Canamax resulted in a major increase in reserves to 460 thousand tonnes grading 9.63 g/t Au. Other precious metal exploration took place in the Dawson Range for epithermal systems associated with subvolcanic Late Cretaceous rhyolite porphyry plugs, at Keno Hill for silver-base metal-carbonate and silver-quartz veins and in the Mt. Hinton area near Keno Hill for gold-quartz-jamesonite veins.

Near Ross River at Grew Creek, Hudson Bay drilled more than 2000 m in a disseminated gold mineralization target hosted in Tertiary ash flows with associated argillic alteration and silicification.

In the Klondike, gold-bearing vein systems are being prospected according to several different genetic models. They include association with Quaternary(?) argillic alteration, ultramafic quartz-carbonate alteration,


1984 EXPLORATION ACTIVITY
LEGEND
Au +/or Ag
Pb - Zn
Sn +/or W +/or Mo
Barite
1984 DRILLING
1984 DRILLING
1984 DRILLING
SCALE
0
100
200
KILOMETRES
68°
64°
60°
140°
136°
132°
128°
124°
KIWI
O'BRIEN(AJ)
LEPINE
LONE STAR
VARIOUS CLAIMS
MT WILLIAMS
AURASIA
MARG
SADIE - LADUE
ELSA AREA
PLATA
KEELE PEAK
NUKE
NIDD
WACTUNG
MOOSE
CLEAR LAKE
DRAGON
MARL
CYPRUS ANVIL
BEVON
CANYON
ROE
CASH
NUCLEUS
J BILL
FROG
MIR
AL
HATCH
GLEN
HIDDEN
KETZA RIVER
TINTINA
FIN
LOGAN
BEISTER
HOT
THAT
TIM
SPENCER PL
HUNDERE
PORK
DEL
DEAN
DB
MC
VAL B
VAL A
HEAD
MID
MT BRUCUM
QUO
VENUS
KANE

subvolcanic Eocene quartz porphyry intrusions and deformed Paleozoic felsic volcanic rocks. This frantic exploration activity will certainly provide much new data to help solve the question of "where the placer gold came from".

Continued exploration for stratiform shale hosted lead-zinc took place at a low level with Getty drilling the Clear Lake deposit and Cominco the FIN and NIDD claims. The only tungsten-related work of significance was by Amax with further underground development and bulk sampling at the MacTung deposit.

MINING AND DEVELOPMENT

Seven hardrock mining operations, employed 516 people in Yukon during 1984. The Cyprus Anvil Mine at Faro (105 K 6) was the largest employer with 251 people. An agreement between the company and the federal government directed funds toward the second year of a two year stripping program. The island of waste rock separating the two present open pits is being removed with 50% government funding of 25 millon dollars repayable upon resumption of mine production. A total of 5.0 millon cubic meters of waste rock was removed by the end of October when operations were shut down by a company lockout.

United Keno Hill's 14 mining operations at Elsa (105 M 14) employed 217 people producing 55 607 tonnes of ore. Milling operations turned out 32 tonnes silver, 879 517 kg lead, 98 055 kg zinc and 145 010 kg iron.

Archer, Cathro & Associates (1981) Ltd. on a lease from United Keno Hill Mines Ltd. high graded the Sadie-Ladue Mine (105 M 14) by hand, moving approximately 136 080 tonnes and shipping 181.4 tonnes grading 8571 g/t Ag with 40% Pb. Some trenching was done with a D-7 cat, and excavation stripping was carried out with a 225 Excavator.

Springmount Operating Company have two operations in the Keno Hill area. The old Silver Spring mine and the Mt. Keno mine produced 318 tonnes of high grade silver,lead,zinc ore.

In the Rogue and Hess River area Dawson Eldorado Gold Exploration Ltd. and Silvercrest Resource Corporation carried out open pit mining at the Plata mine, including the PLATA and INCA claims (105 N 9, 105 O 12). The company mined ore with an average grade of 5656 g/t Ag and 70% Pb recovering 9330 kg Ag and 1 360 800 kg Pb by October 15, 1984. For exploration, drilling and blasting was carried out and an underground adit was driven; bulldozer trenching removed 114 690 m3 of earth.

The Kane property (including the TUF and WIL claims, 115 A 3), owned by Everest Resources Corporation and Northern Horizon Resources Corporation, was mapped and sampled by R. Rogers during the summer. Archer, Cathro & Associates (1981) Ltd. signed a lease agreement with the owners in September, 1984 and mined on their own account. During September, they strip mined to an average depth of 1.0 m, approximately 18.14 tonnes of hand sorted direct shippable ore. Archer, Cathro conducted geological mapping in the mining area (100x25 m) at 1:100 scale. Silver with minor gold, lead and zinc are contained in narrow quartz veins cutting a porphyry which intrudes a plutonic-volcanic complex.

At the MacTung deposit in the Macmillan Pass area (105 O 8) a 200 tonne bulk sample was collected by Amax Norhtwest Mining Company Ltd.

EXPLORATION ACTIVITY

An estimated $21-23 million was spent on exploration in 1984, as compared to $ 12 million in 1983. Most exploration centered around precious metal deposits.

The total quartz claims in good standing, 47,475 is up from 45,402 last year with 8152 new quartz claims staked to the 31st December. The most active areas this year were in the Wheaton River Valley (105 D SW), the Ketza River area (105 F NE) and the Dawson area (115 O NE,NW & 116 SW). Exploration in all of these locations was for precious metals.

The information below was compiled strictly from non-confidential 'Summary of Exploration & Development 1984' forms completed by companies doing exploration and development work in Yukon. No company editing of this manuscript took place.

Gold, Silver (Lead, Zinc)

Northeast of Watson Lake, Archer, Cathro & Associates (1981) Ltd. performed 1:2000 scale geological mapping and collected 500 soil samples for gold analysis on the Pork property (PIGLET claims, 95 D 12). Low, but widespread gold values are associated with siderite alteration and silicification of Hadrynian Grit Unit along en echelon fault zones.

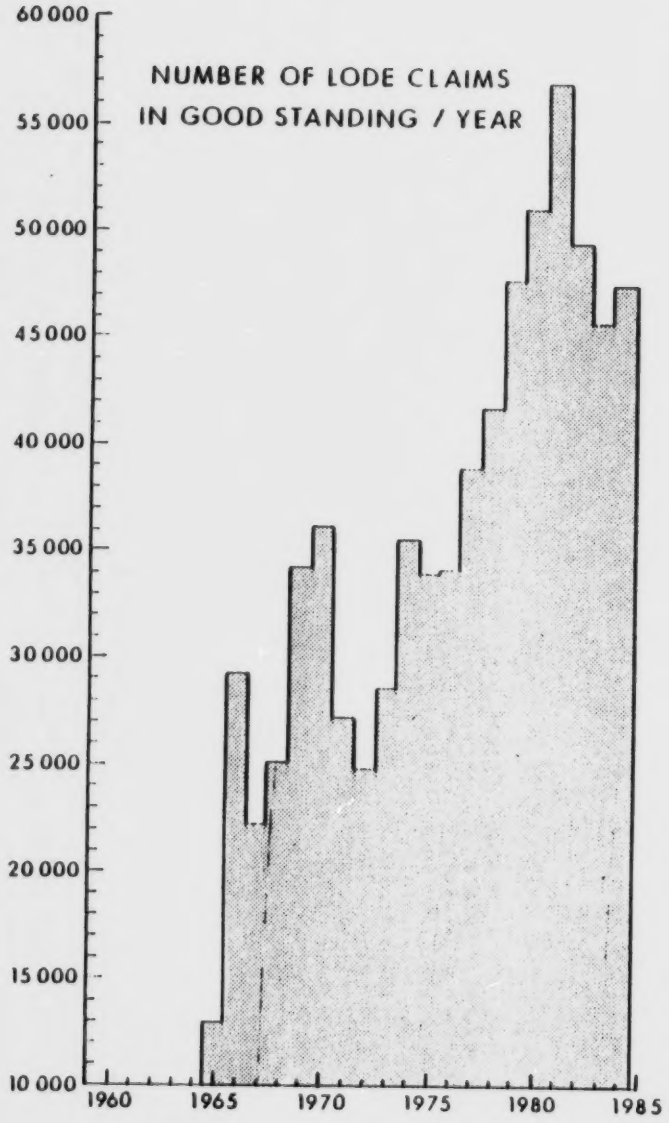
In the Rancheria area, Cordilleran Engineering performed work for Regional Resources Ltd. (and their partners) on several properties including the MID, TIM, and PL claims (105 B 1), the SPENCER claims (105 B 1,2), the MEISTER claims (105 B 8), and the LOGAN claims (105 B 7,8,9). The MID claims are jointly owned by Regional Resources Ltd., Canamax Resources Inc. and Procan Exploration Co. Two types of mineralization occur on the property: silver bearing galena veins a few cm thick cutting Mid Devonian limestone/dolomite, and stratiform barite occurring within Devonian shale. The property was geologically mapped at 1:1000 and 1:5000 scale, 832 soil samples were collected for geochemistry, three trenches were excavated totalling 7 m3, 16 line-km were cut, 19.8 km of roads were built, and diamond drilling was performed. The TIM claims cover silver-lead-zinc soil geochemical anomalies which outline an overburden covered area probably underlain by Cambrian limestone, phyllite and quartzite. These claims were mapped at 1:5000 scale, 1154 soil samples were collected for geochemistry, and 13 km of line were cut. The PL and SPENCER claims occur around narrow veins and poddy replacement zones of galena, sphalerite and mangano-siderite within Cambrian limestone and phyllite near the Cassiar Batholith. The PL claims were mapped at 1:5000 scale, 656 soil samples were collected and 2.5 line-km were cut. The SPENCER claims were mapped at 1:30 000 scale, 484 soil samples were collected and 6 km of line were cut. The MEISTER and LOGAN claims are jointly owned by Getty Canadian Metals Ltd. and Regional Resources Ltd. The MEISTER claims have a strongly geochemically anomalous South Zone where smithsonite boulders assaying as much as 48% Zn have been located.This overburden covered area is probably underlain by Cambrian limestone, phyllite and quartzite. The South Zone was mapped at 1:5000 scale, a 21 line-km Induced Polarization survey was performed, 800 soil samples were taken from the South and East Zones, one hand trench was excavated removing 15 m3 of earth, 27 line-km were cut, and air photography was interpreted. Also, 231 overburden drill holes were drilled totalling 298 m, and 575 drill hole soil and rock samples were collected for geochemistry. The LOGAN claims are located around an area of quartz veins and stockwork hosting massive and disseminated sphalerite, arsenopyrite, chalcopyrite, tetrahedrite and minor galena (with significant Ag, Pb, Zn, Cu and Sn values) cutting pegmatitic granodiorite. These claims were mapped at 1:500 and 1:5000 scale, geochemical soil samples were taken, 8 line-km of Induced Polarization and magnetometer surveys were carried out, 6 m3 of ground was excavated in trenches and 15 line-km were cut.

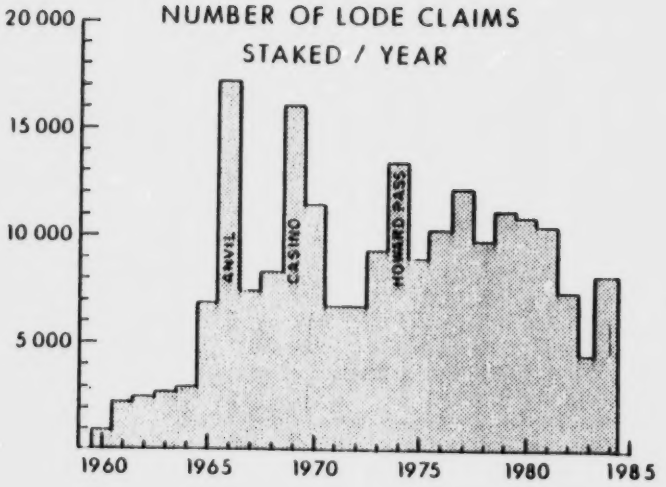
United Keno Hill Mines Ltd. performed prospecting, sampling, soil geochemistry, diamond drilling, percussion drilling and underground exploration on their Venus property and mine (105 D 2).

An underground drifting program was initiated at the Venus Mine to examine parts of the Venus Vein located above known mineralized areas in the lower level workings. Drifting on the 2850 level north extended a previously

1904 YUKON MINING AND DEVELOPMENT SUMMARY

OPERATOR	MINES	PEOPLE (#)	PRODUCTION (tonnes)	Au(gm)	Ag(gm)	MILLED(kg Pb(kg)	Zn(kg)	STRIPPED (m3)	SURFACE DRILLING Diamond	Percussion	UNDERGROUND DRILLING	UNDERGROUND DEVELOPMENT Horizontal	Vertical
UKHM	Venus	20	0	0	0	0	0	0	0.0	0.0	0.0	429.5	206.0
ERICKSON	Mt. Skukum	19	0	0	0	0	0	0	0.0	0.0	0.0	424.6	0.0
CYPRUS ANVIL	Faro Zone 3	251	0	0	0	0	0	4,495,772	0.0	0.0	0.0	0.0	0.0
SPRINGMOUNT	Mt. Keno Silverspring	9	318	0	0	0	0	N/A	0.0	0.0	0.0	87.2	6.1
UKHM	Husky Ruby Silver King Bermingham Sime 35 Vein Hector Flame Moth Sadie Ladue C-Structure Bellekeno Lucky Queen Mt. Hinton	217	55,607	0	32,109,195	879,517	98,055	0	3,936.5	26,540.5	56.1	1,189.0	86.6
DAWSON ELDORADO	Plata	0	1650	0	9330000	1360800	0	0	0	0	0	0	0
ARCHER CATHRO	Sadie Ladue	7	N/A	0	1554780	72500	0	N/A	0	0	0	0	0
ARCHER CATHRO	Kane	3	18.14	N/A	N/A	N/A	N/A	0	0	0	0	0	0
TOTAL		526	57,593	0	42,993,975	2,312,877	98,055	4,495,772	3,936	26,540	56	2,130	299


NUMBER OF LODE CLAIMS
IN GOOD STANDING / YEAR
60 000
55 000
50 000
45 000
40 000
35 000
30 000
25 000
20 000
15 000
10 000
1960
1965
1970
1975
1980
1985


NUMBER OF LODE CLAIMS
STAKED / YEAR
20 000
15 000
10 000
5 000
ANVIL
CASINO
HOWARD PASS
1960
1965
1970
1975
1980
1985

discovered high grade ore shoot a further 24.6 m. Detailed sampling indicates an average grade of 11.66 g/t Au, 406.27 g/t Ag, 3.68% Pb and 2.76% Zn taken to a 1.52 m minimum mining width over a strike length of 43.46 m.

A raise driven on this zone assayed 16.46 g/t Au, 536.21 g/t Ag, 4.42% Pb, 3.02% Zn taken to a 1.52 m width over a dip length of 35.05 m. Sublevels were driven north and south of this raise near the top of this mineralized zone. The south sublevel assayed 21.26 g/t Au and 186.51 g/t Ag over a 1.52 m width and an 8.20 m strike length. The north sublevel assayed 10.97 g/t Au and 175.54 g/t Ag over a 1.52 m width and a 19.2 m drift length.

Four additional separate shoots have also been intersected in the extension of the 2850 level north drift. One of these zones has a 6.86 m strike length averaging 38.40 g/t Au and 296.22 g/t Ag over a 1.52 m width. Another 1.52 m wide zone has a strike length of 30.48 m and assayed 15.77 g/t Au, 337.70 g/t Ag. The third zone assayed 11.66 g/t Au and 412.79 g/t Ag over a 1.52 m width and a strike length of 14.63 m. Assay results for the fourth zone are unavailable as yet.

The 2850 level south drift intersected two separate shoots: 1) 4.80 g/t Au and 126.51 g/t Ag over a 1.52 m, strike length of 9.27 m, 2) 15.77 g/t Au and 144.68 g/t Ag over a 1.52 m width and a drift length of 9.81 m. No further work is planned for the 2850 level S because the vein on this level comes close to surface and is highly oxidized.

The planned 1984 underground exploration program at Venus was completed in mid November to allow evaluation of results and to permit metallurgical testing of the new higher grade ore zones. The new high grade ore shoots outlined to date will make a significant addition to the previous mineral inventory of 70 399 tonnes grading 9.26 g/t Au, 246.85 g/t Ag, 2.11% Pb and 1.38% Zn.

A program consisting of 1430 m of surface diamond drilling, and 2819 m of downhole hammer drilling in 44 holes was completed to test other vein systems located 457.2 to 1371.6 m to the northwest of the Venus Vein. Assays from five hammer and one diamond drill hole on the Uranus Vein averaged 5.14 g/t Au, 852.66 g/t Ag, 5.74% Pb, and 2.88% Zn over a 1.52 m width between vertical depths of 30.48 to 91.44 m and over a stike length of 39.62 m. The company reports that further exploration will be required to trace this vein on strike and downdip.

Mount Skukum Gold Mines (Agip Canada Ltd. and Erickson Gold Mines) conducted geological mapping at 1:2000 scale, soil and rock chip geochemistry, trenching and diamond drilling on their Mount Skukum property (KUKU, CHIEF, WOOF, and PUP Fraction; 105 D 3,4,5 and 6). Ten trenches were excavated removing approximately 10 000 m3 of earth, and 61 NQ diamond drill holes were drilled totalling 6097 m. Erickson performed extensive underground development; the adit was extended to a total of 641.30 m by the end of December and intersected the Main Zone vein. The mineralization is a steeply dipping bonanza vein system hosted in flat andesite lava flows and interbedded tuffs. Vein widths up to several meters are encountered. The veins are virtually sulphide free and consist of white to colourless quartz and carbonate. Some minor disseminated pyrite occurs in the wallrocks that is probably an alteration formed early in the hydrothermal system. Textures are interesting and consist of styrofoam-like quartz-carbonate and also an interstitial filling. Chalcedony breccia occurs locally in a parallel vein system. The deposit is of high prospecting significance because now sulphide-free, quartz-carbonate vein systems can be looked at more seriously and the area where they may occur is the large Yukon Crystalline Terrane and Insular Belt.Only an assay will tell one whether or not precious metals are present.

Stream sediment geochemistry and rock-knocking prospecting are the main methods that could have success.

Agip also worked on the Odd property(MAX claims; 105 D 3), which is jointly owned with Shakwak Exploration. They conducted geological mapping and geochemistry, trenching of precious metal geochemical anomalies, diamond drilling and road construction.

Ketza River Mines Ltd. owned by Canamax Resources Inc. and Conwest Exploration Co. Ltd. conducted an extensive exploration program on the Ketza River property (KON claims; 105 F 9). These claims are located around auriferous pyrrhotite mantos which occur conformably within massive Lower Cambrian limestone and dolomite. Auriferous pyrrhotite-calcite-quartz veins up to 4 m wide and 150 m long also crosscut the limestone and dolomite. The program included mapping at 1:500 and 1:5000 scale, soil geochemistry for gold and arsenic, airborne electromagnetic and magnetometer surveys, trenching removing approximately 6000 m3 of earth, and diamond drilling of 59 NQ holes totalling 7954 m. Gold and arsenic soil geochemical anomalies occur over the showing areas. Drilling intersected manto or vein type mineralization in 42 of 59 holes. Reserves have been increased to 459 950 tonnes grading 9.63 g/t Au (Northern Miner, Nov.29, 1984). Airborne EM and magnetometer anomalies coincide with the areas of known mineralization.

Tintina Mines Ltd. performed work on their Tintina property (EAGLE claims, 105 G 3) consisting of trenching, reconnaissance and locally detailed(1cm:1.2m) geological mapping, low level airphotography, compilation, and relogging of drill core. Reconnaissance mapping investigated the calc-silicate alteration halo around the Ag,Pb,Zn,(Au) showings. From airphoto lineament interpretation, distinct northeast-trending linears were determined to be associated with sulphide mineralization. Compilation and model study of all previous work suggests mineralization is replacement in limestone associated with northeast-trending faults. Metal zonation is also suggested with a Pb-Zn core and a Zn rim, though gold mineralization remains enigmatic.

Hudson Bay Exploration and Development Co. Ltd. conducted geological mapping, geochemical and geophysical surveys, diamond drilling and trenching on the CANYON claims (105 K 2,3) at Grew Creek near Ross River. Disseminated gold mineralization is associated with silicification, bleached breccia zones and massive argillic alteration in Tertiary ash flow tuff and rhyolite. The volcanic rocks are restricted to a linear graben within the Tintina Trench.

Hudson Bay also conducted geological mapping at 1:10 000 scale, along with heavy mineral concentrate and litho-geochemistry on a lead-silver geochemical target on the BEYON claims (105 K 5). Quartz veins in lower Paleozoic phyllite are anomalous in precious metals and scattered anomalous arsenic, and mercury results in pan concentrates show a possible source in contact aureoles of lower Paleozoic phyllite adjacent to quartz-feldspar porphyry bodies.

The Elsa minesite area (including the SILVER KING, HUSKY, BEAR, and ANTHONY claims; 105 M 13,14) owned and operated by United Keno Hill Mines Ltd. saw an extensive exploration and development program for silver-lead-zinc vein faults and gold-tungsten skarns. This included drilling of 352-5.1 cm wide percussion drill holes totalling 18 288 m, 160-11.4 cm wide hammer drill holes totalling 6705.6 m, and 34 NQ diamond drill holes totalling 3744.8 m. Exploration adits and crosscuts were also excavated, along with several trenches removing 6510 m2 of earth on the CORAL-WIGWAM and six backhoe slot trenches on BERMINGHAM SW II. Geophysical surveys including ground EM on the SILVER KING, HUSKY SW, ANTHONY and BEAR claims and airborne EM on the 'Central Quartzite' unit of

UKHM's claims were carried out. Numerous veins were intersected and sampled around the Elsa area. On Mt. Hinton 19 Vein (Au Ag vein) the portal was collared, the adit was driven 48.77 m parallel to the vein, and four crosscuts were driven totalling 51.82 m to intersect the vein.

Decker Resources Ltd. performed work on the Laurasia property (AMBER, etc. claims, 105 M 14) which covers veins cutting quartzite, and greenstone within the 'Lower Schist Formation' for themselves and Laurasia Resources. They conducted detailed geological mapping over the entire property and collected soil samples at 50 m intervals on lines spaced at 20 m. Three coincident silver-lead geochemical anomalies were outlined.

The NUKE claims (105 O 2,3) cover narrow sulphide mineral-bearing veins which occur in biotite monzonite and hornfelsed Devonian clastic sedimentary rocks. Canamax Resources Inc. conducted geological mapping at 1:5000 scale and sampling of the talus fines in the central claims area, analyzing for Pb, Zn, As and Ag for themselves and Canada Tungsten.

Halferdahl & Associates Ltd. conducted an extensive work program including geological mapping, geochemistry, geophysics, trenching and diamond drilling on the GLEN property (including the EL, JO, SUE, etc. claims, 115 G 6).

Kerr Addison Mines Ltd. performed geological mapping (1:5000 scale) and minor mapping-associated geochemistry on the HIK and AL claims (115 H 12) and on the KOE claims (115 J 9). On the AL claims, geochemically anomalous gold is hosted by quartz stringer veins in Late Cretaceous felsic volcanic rocks and by silicified metasedimentary breccias. Kerr Addison also performed a reconnaissance program in western Yukon, principally for gold which resulted in the staking of the ITTLE 1-20 claims in the vicinity of Ittlemit Lake (115 H 3).

The Hatch property (including the HATCH, PATCH, THATCH, CATCH, and LEN claims, 115 H 12) is located around an area of quartz-sulphide veins with precious metal values in Paleozoic metasedimentary rocks near a leucocratic granitic stock of the Nisling Range alaskite suite. Hudson Bay Exploration and Development Co. Ltd. conducted two geophysical surveys, including 3.22 line-km VLF-EM, and 2.41 line-km magnetometer, and drilled 12 NQ diamond drill holes totalling 886.4 m.

Archer, Cathro & Associates (1981) Ltd. excavated 13 trenches 100-300 m long, and drilled three diamond drill holes totalling 312.1 m on the NUCLEUS claims (115 I 6) , and drilled four diamond drill holes totalling 884.5 m on the Frog property (including the LILYPAD and NEWT claims, 115 I 5) for the NAT Joint Venture.

The Cash property (including the FOX claims, etc., 115 I 5) is located around an area of high gold background geochemical values associated with a feldspar porphyry body on the margin of an intrusive complex hosting a copper-molybdenum porphyry deposit. Archer, Cathro excavated two bulldozer trenches 50 m long and 300 m apart.

Northwest of Mount Nansen on the J BILL claims, Gordon Dixon uncovered a silica-rich sulphide-poor argentiferous vein swarm in Late Cretaceous porphyritic rhyolite (probably extrusive). Much argillic alteration and internal vein brecciation is present. No work was done on the Mount Nansen properties (HUESTIS, WEBER, BROWN-MCDADE, 115 I 3).

In the Dawson area, United Keno Hill Mines Ltd. drilled 7620 m of rotary percussion drill holes in various claims.

Under the name of the Klondike Project, Archer, Cathro & Associates (1981) Ltd. and Dawson Eldorado Gold Explorations Co. Ltd. performed various geological and geochemical work on claims in the Dawson area. On the Lepine property (KLEP claims, 116 B 3), where an intensely silicified and moderately metamorphosed assemblage of porphyry, tuff, chert and clastic sedimentary rocks dominate, the old adit on Sir Charles Tupper claim was relocated, and

reconnaissance mapping and sampling was carried out in its vicinity. The old adit is situated immediately east of the junction of Lepine Creek and Fysh Creek, and there is no evidence of work in the past 70 years. Reconnaissance mapping of the volcanic rocks in the Eagle Creek area led to the staking of the KTMR claims (116 C 15).

Dawson Eldorado Gold Explorations also performed various geological mapping and geochemical surveys on the Lone Star property (115 O 14).

Cody Hawk Resources and Conwest Exploration Co. Ltd. conducted geochemistry and geophysics on the O'BRIEN (A.J.) property including the AJ and JA claims (116 B 8). Quartz-tourmaline-sulphide veins with high gold values occur within the hornfels aureole next to the Antimony Mountain stock.

Lead, Zinc (Silver)

Utah Mines Ltd. worked on the BEAV claims (95 C 5,12), located around a soil geochemical anomaly and EM conductors lying above a siliceous dolomite of the Road River Group (?). In this particular area, several facies changes occur. The company remapped all the claims at 1:5000 scale, extended the grid lines westward, collected geochemical soil samples, and drilled four NQ diamond drill holes totalling 954 m. No lead-zinc mineralization of any significance was found, although up to 1% Pb and 1% Zn was encountered associated with calcite veinlets and calcite-filled breccia zones.

Sulpetro Minerals Ltd. did some geological mapping and geochemical sampling on the Mel zinc-lead-barite property (95 D 6).

Canamax Resources Incorporated geologically mapped over 85% of the Hundere property (including the CIMA, MICA, and HUN claims, 105 A 7,11) at 1:5000 scale, and the north and south showings at 1:1000 scale. Soil geochemical sampling was extended outside of the previous sampling area on the CIMA claims; samples were analyzed for lead, zinc, silver +/- copper. Sphalerite and galena occur in actinolite and in quartz rich-skarns developed in, and along, margins of marble lenses enclosed by strongly deformed Cambrian phyllite.

The FIN claims (105 H 12) held by Cominco Ltd. were drilled with seven NQ diamond drill holes totalling 1655.58 m. Lead-zinc mineralization occurs on the property within a fine and coarse clastic rock sequence of upper Paleozoic age.

Cyprus Anvil Mining Corporation's various claims in the Faro area (105 K) were worked extensively. The deposit consists of metamorphosed stratiform pyritic lead-zinc-silver-barite bearing massive and disseminated quartzose sulphide layers in lower Paleozoic miogeoclinal strata of southwestern Selwyn Basin. Geological mapping at 1:5000 scale was carried out on claims in the northwestern plateau area (including the SUN, TIE, RICH, SALLY, JACK, GALE, CHAMP, ALICE, GAL, ROC, MIAMI, JOE, WYNNE, ELLYMAY, ROCKY, CHUCK, FIRTH, GRUM). Twenty-two NQ diamond drill holes were drilled totalling 4267.2 m.

Getty Canadian Metals Ltd. conducted a work program on their Clear Lake property (including the SUE, GETA, GETD claims, 105 L 14 and 15) which is a stratabound, massive sulphide lead-zinc-silver deposit hosted by black Devono-Mississippian argillites. Work included gravity and horizontal loop EM surveys, linecutting, and one NQ diamond drill hole totalling 457.2 m. No drill targets were outlined by the geophysical surveys, and the drilling did not intersect any significant sulphide mineralization.

The Nidd property (105 O 1 and 2) is located around sphalerite and galena occurrences in sedimentary and volcanic rocks of the upper Road River Formation and the lower Earn Group. Three HQ diamond drill holes were drilled totalling 1185.7 m and 968 soil samples were collected for geochemical analysis for lead, zinc, and silver by Cominco Ltd. Drilled targets in lower Earn Group sedimentary rocks at Boundary Creek and soil geochemical anomalies were defined.

Archer, Cathro & Associates (1981) Ltd. did some hand trenching (removing 14 m3 of earth) on the Marg property (including the TUDL claims, 106 D 1) for the ZX Joint Venture. This property covers copper-lead-zinc geochemical anomalies which occur over a metamorphosed volcanic-sedimentary rock assemblage. This assemblage is correlated with the 'Lower Schist Formation' in the Keno Hill area on GSC maps, but may be rather, part of a different terrane. The hand trenching revealed banded, base metal anomalous, limonitic horizons conformable with bedding in the host rock.

Archer, Cathro & Associates (1981) Ltd. performed work on their Mt. Williams property (including the BLENDE claims, 106 D 7), located around a northwest-trending, 10m to 40 m wide, steeply dipping fracture zone in Helikian Gillespie Lake Group dolomite which contains disseminations and fracture-fillings of sphalerite, galena and tetrahedrite. The work included 1:2000 scale mapping and chip sampling for geochemistry in the area of the central claims, outcrop sampling for geochemistry on the claims in general, and the excavation of three hand trenches removing 20 m3 of earth. Trench samples averaged 3.6% Pb, 5.3% Zn, 69 g/t Ag across a true thickness of 13 meters plus.

Dawson Eldorado Gold Exploration Co. Ltd. channel sampled the lead-zinc-silver bearing vein on the KIWI property (116 B 10).

Tin, Tungsten, Molybdenum

CSA Minerals Inc. conducted a drill program on their and Duval International Corp.'s M.C. tin (zinc) property (including the SWIFT, SLIDE, MC, and JILL claims, 105 B 4), and VAL A and VAL B claims (tin). They drilled four holes totalling 218.2 m on the M.C., six holes totalling 248.4 m on the VAL A and 2 holes totalling 131.7 m on the VAL B, all of which was BQ core. The VAL A claims cover tin skarn mineralization which is in contact with the Seagull Batholith. Cassiterite-bearing mineralization was intersected in the drilling of VAL A. Some bulldozer stripping was carried out on these claims, however no bedrock was exposed.

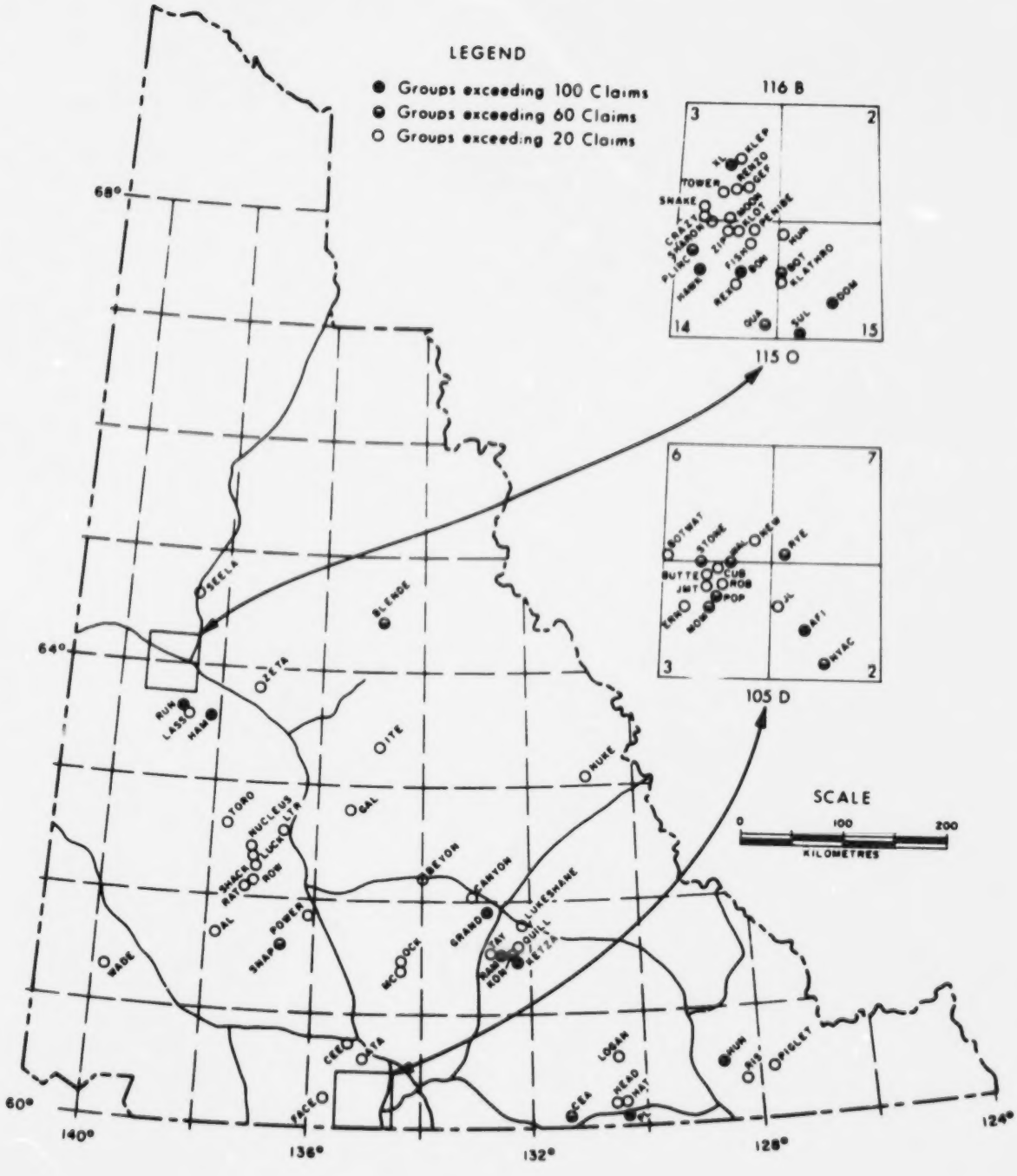
In the Rancheria area (105 B 1), Canamax Resources Inc. conducted work programs on the HEAD, HAT and HOT claims. The entire HEAD claim group was mapped at 1:10 000 scale, and 450 soil samples were collected at 50 m intervals on lines spaced at 200 m and analyzed for Mo, Cu, Co, Ni, Mn, Fe, Ag, Zn and W. The HAT claims were mapped at 1:7555 scale and 225 soil samples were collected from similar sample spacings to that on the HEAD claims and were analyzed for Pb, Zn, Ag and W. The HOT claims cover narrow veins and fractures in a calc-silicate hornfels containing tungsten and molybdenum, 443 soil samples were collected at 50 m intervals on 120 m spaced lines and were analyzed for Cu, Ag, Zn, Pb and W.

D.C. Syndicate conducted a proton magnetometer survey and diamond drilled two BQ holes totalling 281.63 m on the DB property (FF claims, 105 C 8), which covers tin-tungsten mineralization.

The HIDDEN claims (105 F 6) owned by the CUB Joint Venture (UMETCO, Brinco Ltd. and Highland Crow Resources) cover scheelite mineralization which occurs in pervasive fractures and weakly developed skarn horizons within the lower Paleozoic Nasina series. Archer, Cathro & Associates (1981) Ltd. hand blasted three trenches on the property removing 88 m3, 32 m3 and 12 m3 of material from each.

Canamax Resources Inc. performed exploration work on their and Canada Tungsten's NARL claims (105 J 6,11), Dragon property (NURF claims, 105 J 12) and Keele Peak property (NUT claims, 105 O 7). The Narl claims are located around narrow sulphide veins in calc-silicate hornfels developed in interbedded

1984 CLAIMS STAKED

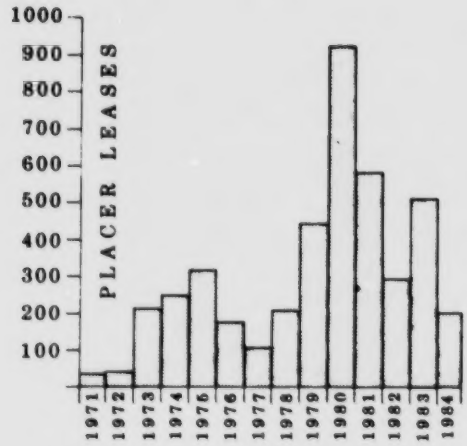


Groups Of Greater Than 20 Claims Staked In 1984

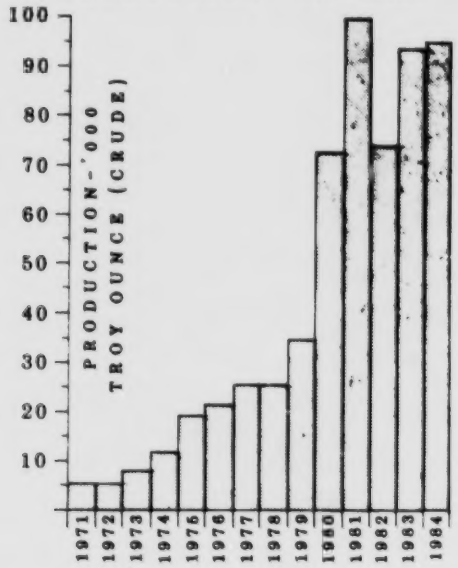
NTS	Claim Name	No.	Company/Staker
95 D 5,12	PIGLET	32	Archer, Cathro & Assoc. (1981) Ltd.
105 A 7,10	HUN	109	Canamax Resources Inc.
105 A 8	RIS	52	C.G. Verley
105 B 1	HEAD	56	Canamax Resources Inc.
	HAT	30	
	PL	70	Regional Resources Ltd.
105 B 3	CEA	72	Noranda Exploration Co., Ltd.
105 B 7,8, 9,10	LOGAN	58	Regional Resources Ltd.
105 D 2	NYAC	71	Shakwak Exploration Co. Ltd.
	JL	56	Island Mining & Exploration
	AFI	296	E. Berfvinson & Island Mining & Exploration
105 D 3	POP	90	J. Trace, V. Guinet et al
	ERN	31	Ezee Golds Ltd., E. Bergvinson et al
	ROB	38	S. Fleurant et al
	JMT	29	Y. Gervais et al
	MOM	89	Stakers
	BUTTE	34	Mt. Skukum Gold Mining Corp.
	CUB	24	Shakwak Exploration Co. Ltd.
105 D 4,5	FACE	48	Noranda Exploration Co., Ltd.
105 D 5,6	BOTWAT	54	Rockridge Mining Corp.
105 D 6	NEW	30	L. Bratvold et al
105 D 6,3	STONE	70	M. Woods et al
	WAL	65	M. Woods et al
105 D 7	RYE	70	Noranda Exploration Co., Ltd.
105 D 10,11	ATA	30	H.A. Larson
105 D 14	CEE	26	Silver Sabre Resources Ltd.
105 E 8	MC	36	Placerstake Resources Inc.
	OCK	36	G. Asuchak Jr. & D. Baumback P. MacDonald
105 F 8,9	KETZA	102	Quillo Resources Inc.
105 F 9	KON	76	Canamax Resources Inc. (now Ketza River Mines Ltd.)
	QUILL	31	Quillo Resources Inc.
105 F 9,10	RAM	730	Regional Resources Ltd.
105 F 10	TAY	21	P.R. Long
105 F 15,K 2	GRAND	162	A. Carlos, R. Voisine et al
105 F 16	LUKESHANE	48	Stakers
105 K 2,3	CANYON	280	Hudson Bay Exploration and Development Co. Ltd.
105 K 5	BEYON	64	Hudson Bay Exploration and Development Co. Ltd.
105 L 13	GAL	24	S. Young & R. Sheldrake
105 M 7	ITE	32	Union Carbide
105 O 2,3	NUKE	38	Canamax Resources Inc.
106 D 7	BLENDE	73	Archer, Cathro & Assoc. (1981)

NTS	Claim Name	No.	Company/Staker
115 G 5	WADE	38	Noranda Exploration Co., Ltd.
115 H 9,10	SNAP	61	J. Dodge et al.
115 H 12	AL	40	Kerr Addison Mines Ltd.
115 H 16	POWER	32	A. Carlos & G. Harris
115 I 3	RAT	40	G. Dickson
	ROW	24	Noranda Exploration Co., Ltd.
115 I 6	LUCK	24	Bill Preston et al
	SHACK	23	G. MacPherson et al
	NUCLEUS	51	Archer, Cathro & Assoc. (1981) Ltd.
115 I 10	LTR	24	D. Baird
115 I 12	TORO	24	D.H. Waugh
115 O 9	HAM	331	Meri Resources Ltd.
115 O 10	LASS	24	L. Gatenby
	RUN	107	United Keno Hill Mines Ltd.
115 O 10,15	SUL	159	United Keno Hill Mines Ltd.
115 O 14	KLOT	34	Archer, Cathro & Assoc. (1981) Ltd.
	HAWK	154	W. Hawkes
	PLINC	68	W. Dawson
	REX	51	Whitehouse Motel Ltd.
	ZIP	40	W. Dawson
	FISH	24	W. Dawson
	QUA	90	United Keno Hill Mines Ltd.
	BON	107	United Keno Hill Mines Ltd.
	PENIBE	31	W. Dawson
115 O 14,15	KLATHRO	44	Archer, Cathro & Assoc. (1981) Ltd.
	HUN	154	United Keno Hill Mines Ltd.
115 O 14, 116 B 3 115 O 15	SHARON	53	W. Dawson
	DOM	206	United Keno Hill Mines Ltd.
	BOT	83	United Keno Hill Mines Ltd.
115 P 14	ZETA	44	Noranda Exploration Co., Ltd.
116 B 3	XL	169	Laberge Resources Ltd., Ashley Exploration Ltd. et al
	KLEP	46	Archer, Cathro & Assoc. (1981) Ltd.
	SNAKE	45	W. Dawson
	TOWER	26	M. Woods
	CRAZY	27	W. Dawson
	MOON	55	W. Dawson
	GEF	24	Ashley Exploration Ltd. et al
	RENZO	49	Ashley Exploration Ltd. et al
116 B 10	SEELA	51	Dawson Eldorado Gold Explorations Ltd.

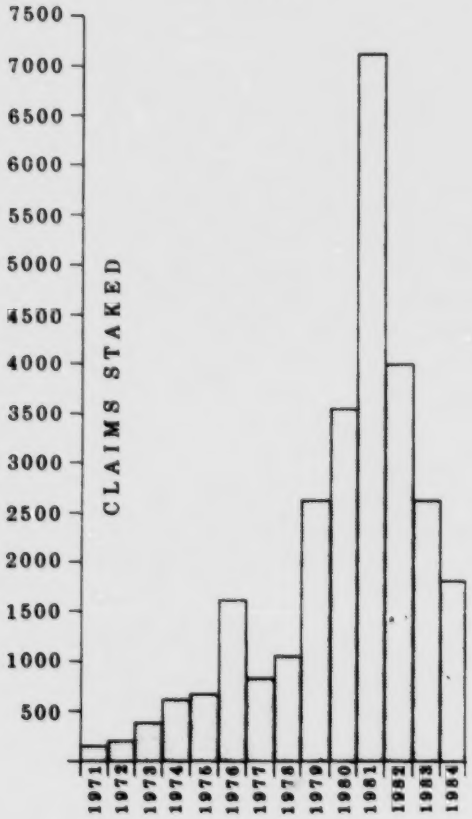
PLACER LEASES STAKED
1971-1984



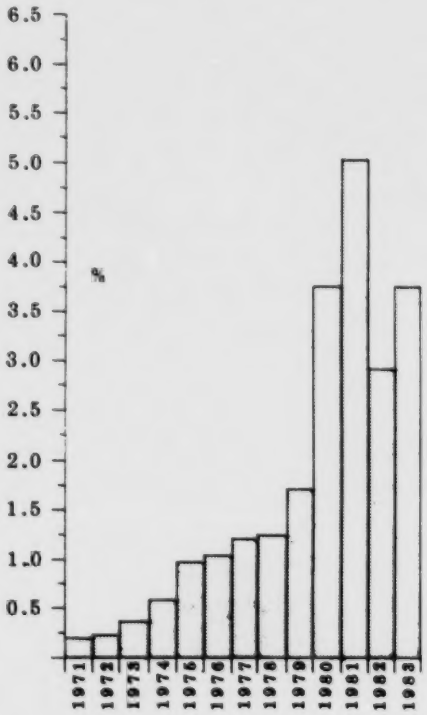
YUKON PLACER GOLD
PRODUCTION 1971-1984



PLACER CLAIMS STAKED
1971-1984



YUKON PLACER PRODUCTION / CANADIAN PRODUCTION X 100



1984 CLAIM STATUS FOR WATSON LAKE MINING DISTRICT

	Placer Claims & Leases In Good Standing	Raw Gold Declared For Placer Royalty Export Tax (oz.)	(gms)	Placer Leases Staked	Placer Claims Staked	Quartz Claims Staked	Quartz Claims & Leases In Good Standing
JANUARY	112	0.00	0	2	1	8	13,023
FEBRUARY	112	0.00	0	0	0	72	12,910
MARCH	108	0.00	0	0	0	80	12,602
APRIL	110	0.00	0	1	1	8	12,610
MAY	108	0.00	0	0	1	31	12,565
JUNE	108	0.00	0	0	4	197	12,522
JULY	100	0.00	0	1	0	270	12,681
AUGUST	93	0.00	0	0	1	88	12,179
SEPTEMBER	77	0.00	0	1	0	536	12,459
OCTOBER	76	0.00	0	0	1	383	12,502
NOVEMBER	72	0.00	0	0	0	41	12,453
DECEMBER	69	0.00	0	0	0	261	12,665
TOTAL		0.00	0	5	9	1,975	

1984 CLAIM STATUS FOR WHITEHORSE MINING DISTRICT

	Placer Claims & Leases In Good Standing	Raw Gold Declared For Placer Royalty Export Tax (oz.)	(gms)	Placer Leases Staked	Placer Claims Staked	Quartz Claims Staked	Quartz Claims & Leases In Good Standing
JANUARY	2,908	846.35	26,324	2	16	252	14,745
FEBRUARY	2,943	1,139.45	35,440	1	26	56	14,775
MARCH	2,980	445.10	13,844	10	45	66	44,046
APRIL	2,920	467.28	14,534	6	53	80	14,112
MAY	2,940	103.38	3,215	13	57	394	14,224
JUNE	2,884	2,245.41	69,839	4	19	516	14,738
JULY	2,915	5,835.12	181,490	13	49	156	14,826
AUGUST	2,736	5,698.73	177,248	7	84	281	14,990
SEPTEMBER	2,816	6,191.79	192,583	7	47	342	15,277
OCTOBER	2,893	7,822.21	243,294	8	93	616	15,789
NOVEMBER	2,888	1,566.64	48,727	0	15	121	15,729
DECEMBER	2,883	100.09	3,113	5	5	176	15,767
TOTAL		32,461.55	1,009,652	76	509	3,056	

1984 CLAIM STATUS FOR MAYO MINING DISTRICT

	Placer Claims & Leases In Good Standing	Raw Gold Declared For Placer Royalty Export Tax (oz.)	(gms)	Placer Leases Staked	Placer Claims Staked	Quartz Claims Staked	Quartz Claims & Leases In Good Standing
JANUARY	2,086	0.00	0	0	1	20	12,286
FEBRUARY	2,086	0.00	0	0	0	40	12,286
MARCH	2,088	0.00	0	0	1	2	12,288
APRIL	2,074	0.00	0	1	6	0	11,541
MAY	2,074	0.00	0	1	4	8	11,298
JUNE	2,099	6.00	187	0	28	19	11,187
JULY	2,123	90.34	2,810	6	22	66	11,169
AUGUST	2,108	238.44	7,416	6	11	44	11,151
SEPTEMBER	2,126	130.42	4,056	6	5	20	11,161
OCTOBER	2,116	239.13	7,438	2	13	77	11,144
NOVEMBER	2,116	0.00	0	1	0	2	11,100
DECEMBER	1,902	0.00	0	3	3	0	11,091
TOTAL		704.33	21,907	26	94	298	

1984 CLAIM STATUS FOR DAWSON MINING DISTRICT

	Placer Claims & Leases In Good Standing	Raw Gold Declared For Placer Royalty Export Tax (oz.)	(gms)	Placer Leases Staked	Placer Claims Staked	Quartz Claims Staked	Quartz Claims & Leases In Good Standing
JANUARY	10,350	475.83	14,800	6	16	0	6,723
FEBRUARY	10,172	190.65	5,930	4	31	115	6,760
MARCH	10,172	169.40	5,269	5	23	0	6,708
APRIL	10,176	209.62	6,520	5	34	124	6,740
MAY	10,207	834.06	25,942	6	66	30	6,730
JUNE	10,290	7,059.24	219,564	3	119	1,408	8,126
JULY	10,331	10,450.89	325,054	19	102	312	8,397
AUGUST	10,606	17,137.27	533,021	11	348	155	8,466
SEPTEMBER	10,623	10,786.00	335,477	9	118	84	7,524
OCTOBER	10,684	9,910.00	308,231	16	127	76	7,568
NOVEMBER	10,535	2,104.68	65,462	7	86	409	7,903
DECEMBER	10,662	2,212.90	68,828	4	161	110	7,952
TOTAL		61,540.54	1,914,095	95	1,231	2,823	

1984 CLAIM STATUS FOR YUKON

	Placer Claims & Leases In Good Standing	Raw Gold Declared For Placer Royalty Export Tax (oz.)	(gms)	Placer Leases Staked	Placer Claims Staked	Quartz Claims Staked	Quartz Claims & Leases In Good Standing
JANUARY	15,456	1,322	41,124	10	34	280	46,777
FEBRUARY	15,313	1,330	41,370	5	57	283	46,731
MARCH	15,348	615	19,113	15	69	148	75,644
APRIL	15,280	677	21,054	13	94	212	45,003
MAY	15,329	937	29,157	20	128	463	44,817
JUNE	15,381	9,311	289,589	7	170	2,140	46,573
JULY	15,469	16,376	509,354	39	173	804	47,073
AUGUST	15,543	23,074	717,684	24	444	568	46,786
SEPTEMBER	15,642	17,108	532,117	23	170	982	46,421
OCTOBER	15,769	17,971	558,963	26	234	1,152	47,003
NOVEMBER	15,611	3,671	114,189	8	101	573	47,185
DECEMBER	15,516	2,313	71,941	12	169	547	47,475
TOTAL		94,706.42	2,945,654	202	1,843	8,152	

limestone and limy phyllite; 125 line-km of Aerodat magnetometer and EM surveys were carried out. The Dragon property covers lenticular pyroxene-pyrrhotite skarn pods which occur in Hadrynian Grit Unit immediately south of a recessive weathering Cretaceous stock; the NURF claims were mapped at 1:5000 scale and were soil sampled for Zn, W and Au. A geophysical survey was carried out on the Keele Peak W, Cu, Pb, Zn, Au, Ag property.

Barite

Hand blasting of a 35 m long trench was carried out on the MOOSE claims' (105 O) stratiform barite occurrence by Yukon Barite Company Ltd. for themselves and Nuspar Resources Ltd.

Placer

According to royalty records, gold production to date has exceeded the total gold production for 1983 To 31 December 1984 production of gold totals 2,945,654 gms crude.

Staking activity was down during 1984. There were 1843 new claims and 202 new leases to 31 December 1984, compared to 2605 new claims and 521 new leases during the same period in 1983.

Two underground placer operations are in production at this time at the Jackson Hill and Miller Creek properties. Dago Hill and Miller Creek operated as underground operations over the '83-'84 winter.

The total number of placer operators during 1984 is down to below 200 operators for the first time in several years.

1984 ACTIVITIES OF NORTHERN AFFAIRS

Exploration and Geological Services Division had a very active program during 1984.

Chief Geologist Jim Morin visited most of the project areas and continued his ongoing investigations into precious metal mineralization in Yukon. He co-authored an open file with Dave Downing on gold-silver deposits and occurrences in Yukon.

Minerals Geologist Grant Abbott wrote up many of the silver-lead-zinc showings in the Rancheria area for the 1983 Yukon Exploration and Geology Report. He also completed a manuscript reviewing Selwyn Basin stratigraphy and associated stratiform base metal deposits.

Placer Geologist Steve Morison continued his study of the sedimentology of the White Channel gravels in the Klondike. He is investigating the relationship of gold distribution and occurrence to specific sedimentary lithofacies. Steve also wrote a paper on placer deposits in Canada for the DNAG volume.

Staff Geologist Diane Emond joined the Division in January 1984 and replaced Pat Watson. Her M.Sc thesis dealt with tin mineralized breccias on the EPD claims near Mayo. During the field season, she mapped geology and sampled vein and skarn showings on Jubilee Mountain southeast of Whitehorse and investigated 80 Ma volcanic rocks in the Baker Lake area west of Whitehorse for indications of epithermal mineralization and alteration.

Staff Geologist Kate Grapes started a project on the stratiform massive sulphide deposit at Clear Lake northwest of Faro. She is studying the ore textures as part of a M.Sc thesis at Carleton University. Kate is replaced for a year's term by Dave Downing.

Contract geologist Ruth Debicki continued the 1:50,000 scale bedrock geological mapping program in the Klondike area. This year she concentrated on

the southeast parts near Sulphur and Dominion Creeks and a preliminary map will be available later this Spring.

Several university theses received support from the Division in 1984.

Monica Pride continued her study of the Eocene volcanic rocks in the Mount Skukum area southwest of Whitehorse (Ph.D thesis, University of Manitoba). A preliminary 1:50,000 scale bedrock geological map will be available later this Spring.

Bruce McDonald started a study of the bonanza gold vein system at Mount Skukum (M.Sc thesis, University of British Columbia). This major deposit is similar to other classic epithermal veins (eg Bodie, Aurora-Calif.) and a detailed study of it will assist and encourage exploration for similar deposits in western Yukon.

Lori Walton studied the Venus deposit south of Whitehorse as part of a M.Sc thesis at University of Alberta. This deposit is a sulphide-rich epithermal gold-silver-lead-zinc vein quite different than the veins at Mount Skukum and a likewise detailed study will assist in mining and exploration for similar veins in the area.

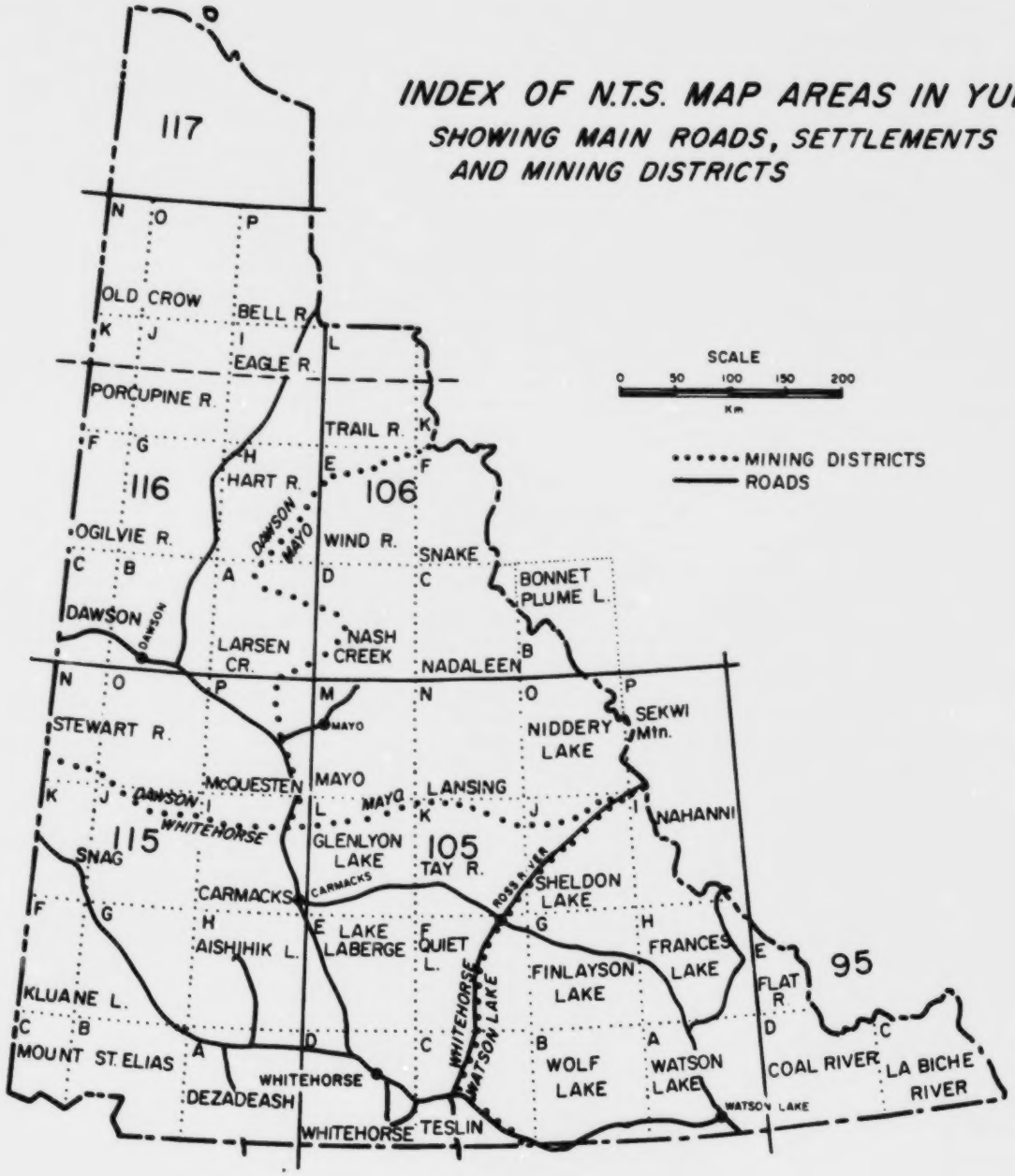
Mike Dufresne continued his study of massive argillic alteration in bedrock and White Channel gravel in the Klondike area (M.Sc thesis, University of Alberta). The source and nature of the altering fluids and relationship to gold mineralization is a problem of some potential significance to mining and exploration there.

Rhys Hughes started a study of the stratigraphy and sedimentology of placer gravels at Miller Creek and the Sixty Mile River (M.Sc thesis,University of Alberta). His work has obvious implications for placer mining and exploration in the area.

Guy Narbonne (Professor, Queen's University) continued his investigations of the regional unconformity between Precambrian and Cambrian rocks in the Bonnet Plume River area. His study has implications for a better understanding of breccia hosted zinc mineralization in the Wernecke and Mackenzie Mountains.

Vicki Hansen started a study of the geology and structure of rocks in the Teslin Suture east of Whitehorse (Ph.D thesis, University of California, Los Angeles). Her study has implications regarding exploration for gold-quartz veins and asbestos in southern Yukon.

Calvin Pride (Professor, University of Ottawa) conducted a preliminary examination of volcanic and sub-volcanic rocks west of Aishihik Lake that are associated with gold and molybdenum mineralization.


INDEX OF N.T.S. MAP AREAS IN YUKON
SHOWING MAIN ROADS, SETTLEMENTS
AND MINING DISTRICTS
SCALE
0 50 100 150 200
Km
MINING DISTRICTS
ROADS
117
116
106
115
105
95
OLD CROW
BELL R.
EAGLE R.
PORCUPINE R.
TRAIL R.
HART R.
DAWSON
MAYO
OGILVIE R.
WIND R.
SNAKE
BONNET PLUME L.
DAWSON
LARSEN CR.
NASH CREEK
NADALEEN
STEWART R.
MAYO
NIDDERY LAKE
SEKWI Mtn.
McQUESTEN
MAYO
LANSING
WHITEHORSE
GLENLYON LAKE
TAY R.
NAHANNI
SNAG
CARMACKS
SHELDON LAKE
ROSS RIVER
LAKE LABERGE
QUIET L.
AISHIHIK L.
FRANCES LAKE
FINLAYSON LAKE
FLAT R.
KLUANE L.
WHITEHORSE
WATSON LAKE
MOUNT ST. ELIAS
WOLF LAKE
WATSON LAKE
COAL RIVER
LA BICHE RIVER
DEZADEASH
WHITEHORSE
TESLIN
WATSON LAKE

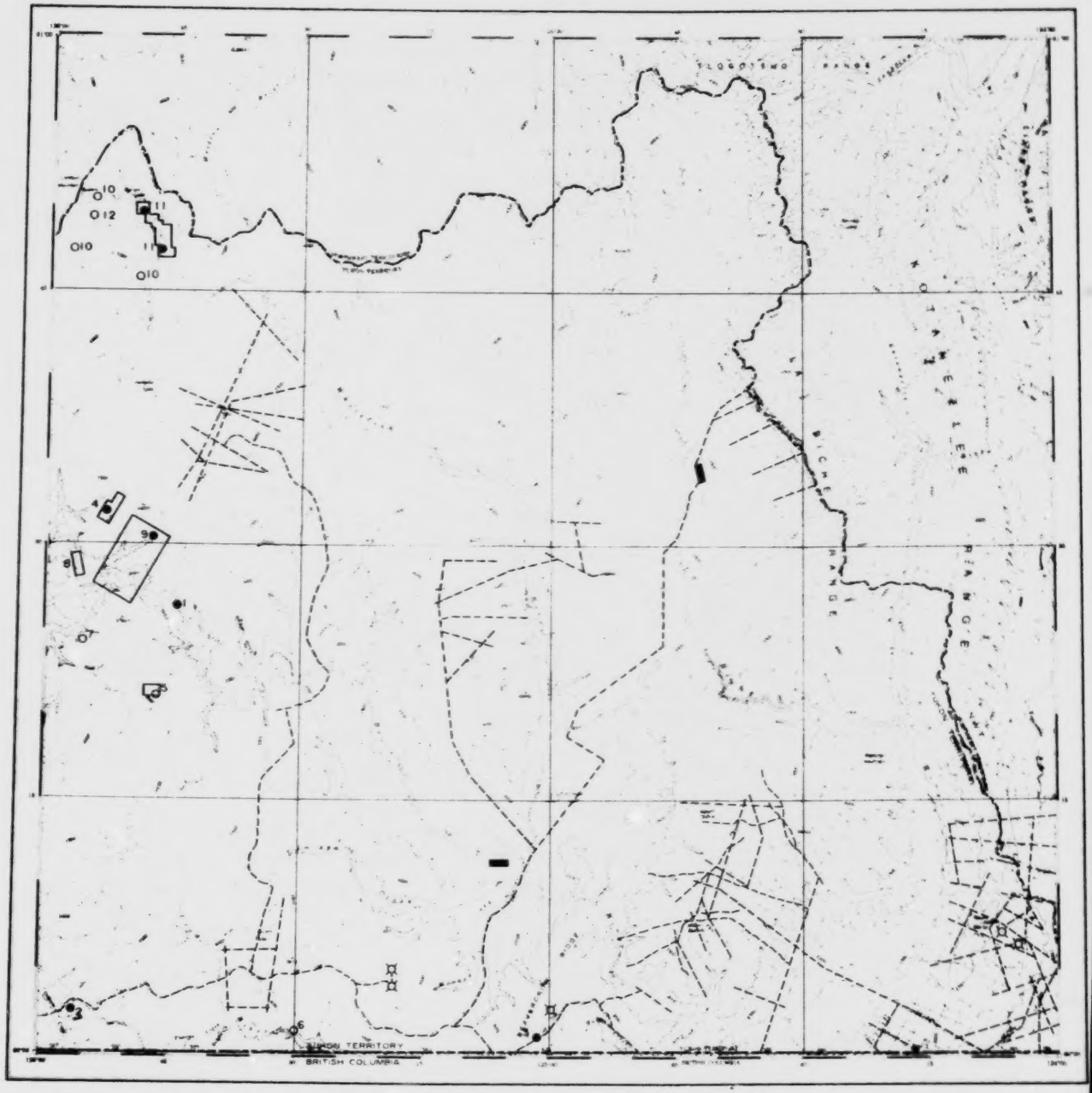
SUMMARIES OF ASSESSMENT WORK, DESCRIPTION OF MINERAL PROPERTIES, AND MINERAL CLAIMS STAKED IN 1984

The reports and summaries of work done are keyed to a set of maps which are reductions of the 1:250,000 topographic maps of Yukon. The maps show three features in relation to the topography. They include the location of known mineral occurrences with a key naming them. They also give the most recent literature reference describing the occurrence. The maps also show the areas covered by mineral and placer claims in good standing and the areas covered by leases to prospect for placer and coal. Mineral claims staked during 1984 are distinguished from those located earlier to emphasize areas that will focus future exploration. The claim information derives from the maps of the Supervising Mining Recorder, D.I.A.N.D., Whitehorse. Finally, the maps indicate secondary access roads and winter tote trails.

The maps are ordered according to the National Topographic System and the work summaries and records of new staking also follow this order. Thus, each map precedes a section describing exploration activity within that area. Each report on a property includes the National Topographic System reference number keying it to the relevant 1:50,000 scale map area. The number beside the NTS relates to the property location on the index map. Latitude and longitude further define the location. The name reported is that given by the original discoverer or staker; it may not match that of the present claims. Repetition of names is avoided by assigning a unique name where the claim name is not diagnostic.

The mineral occurrence list next the maps includes the occurrence type, the 50,000 N.T.S. map sheet number, the status of the property and a major reference. The status is number coded and closely follows the CANMINDEX "status" for the commodities present. These are coded and classified as follows: 1) the commodity is being produced; 2) the commodity has measurable reserves (i.e., three dimensional data and grade), but has never produced; 3) the commodity has been produced and measurable reserves are present, but there is no present production; 4) the commodity has been produced and there are no measurable reserves; 5) two-dimensional data (e.g., length and width) and grade are available (public), but not enough to calculate reserves; 6) one-dimensional data (e.g., a drill hole, one trench); 7) commodity is present, but insufficient data are available (public) to classify the status; and 9) a work target (no public information on presence of a commodity).

Further information concerning the properties may be obtained from several sources. The National Mineral Inventory (NMI) is maintained by Department of Energy, Mines and Resources as a looseleaf file of property descriptions grouped according to the NTS system, and within that, according to commodity. A copy of the inventory is available for consultation at the D.I.A.N.D. Geology office in Whitehorse. The Northern Cordillera Mineral Inventory is an accurate and thorough private system maintained by Archer, Cathro and Associates (1981) Ltd. and is available from them on a fee and subscription basis.



LA BICHE RIVER

YUKON TERRITORY - NORTHWEST TERRITORIES

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurence see Key on facing page.

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984

Mineral Claims staked 1984

Placer Leases in good standing (Jan. 1985).

Placer Claims in good standing (Jan. 1985).

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

LA BICHE RIVER MAP-AREA (NTS 95 C)

General Reference: GSC Map 1380A by: R.J.W. Douglas, 1976.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	POOL	Vein Ba	95 C 5	7	
2	TROPICAL	Occurrence Ba Pb Zn	95 C 4	7	
3	BEAVERCROW	Unclassified	95 C 3	7	D.I.A.N.D. Files, Log of SOBC Shell Beavercrow Well K-2 (Drilled 1963)
4	TING	Vein Pb Ag Zn	95 C 12	7	D.I.A.N.D. (1981, p. 131)
5	VISTA	Unclassified	95 C 5	9	D.I.A.N.D. (1982, p. 83); D.I.A.N.D. (1985, p. 121)
6	DUFFY	Unclassified	95 C 3,4	9	D.I.A.N.D. (1982, p. 83)
7	THOR	Occurrence Pb Zn	95 C 5	7	D.I.A.N.D. (1982, p. 83)
8	TRANZ	Unclassified	95 C 5	9	D.I.A.N.D. (1985, p. 119)
9	BEAV	Occurrence Pb Zn	95 C 5	7	D.I.A.N.D. (1985, p. 119-120)
10	DEEK	Unclassified	95 C 13	9	D.I.A.N.D. (1983, p. 81)
11	MARS	Unclassified	95 C 13	9	D.I.A.N.D. (1985, p. 120)
12	RUSH	Unclassified	95 C 13	9	D.I.A.N.D. (1983, p. 81)

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

BEAV
Utah Mines Limited

Lead, Zinc
95 C 5,12 (9)
(60°29'N,125°50'W)

Reference: D.I.A.N.D. (1985 p. 119-120; 1983 p. 81).

Claims: BEAV 1-180

Source: Summary by D.S. Emond from assessment report 091613 by P. Burt.

Current Work and Results:

The 1984 exploration program on the BEAV claims consisted of diamond drilling of four NQ holes totalling 954 m (Figure 1) to evaluate a coincident geochemical and geophysical anomaly over a siliceous dolomite or porcelanite zone. All claims were remapped at 1:5000 scale and minor rock geochemistry was performed with the extension of grid lines westward.

The drilling intersected limestone, porcelanite, siltstone and dolomite downward (Figure 2). The anomalous horizon (porcelanite) is made up of three dolomitic units separated by silty carbonates (turbidity deposits?). Two modes of sulphide mineralization were intersected: 1) spalerite and minor galena associated with calcite microveinlets; and 2) very fine-grained sphalerite, galena and pyrite associated with very fine-grained black mud.

*****

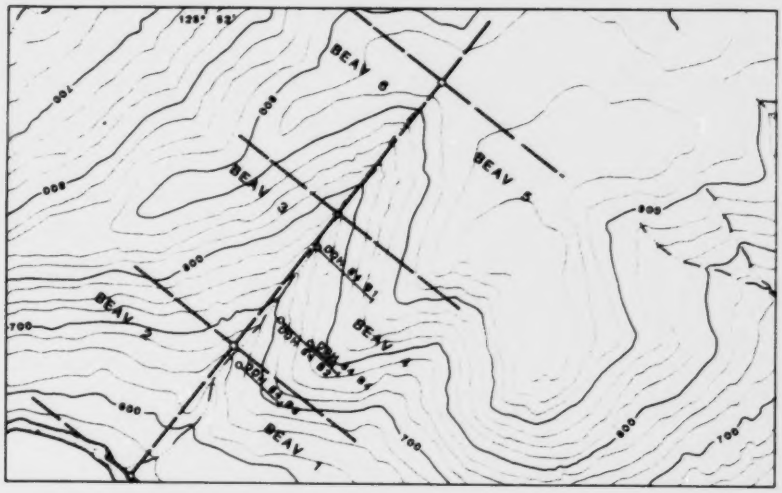


Figure 1. Claim and diamond drill hole location map, Beav property.

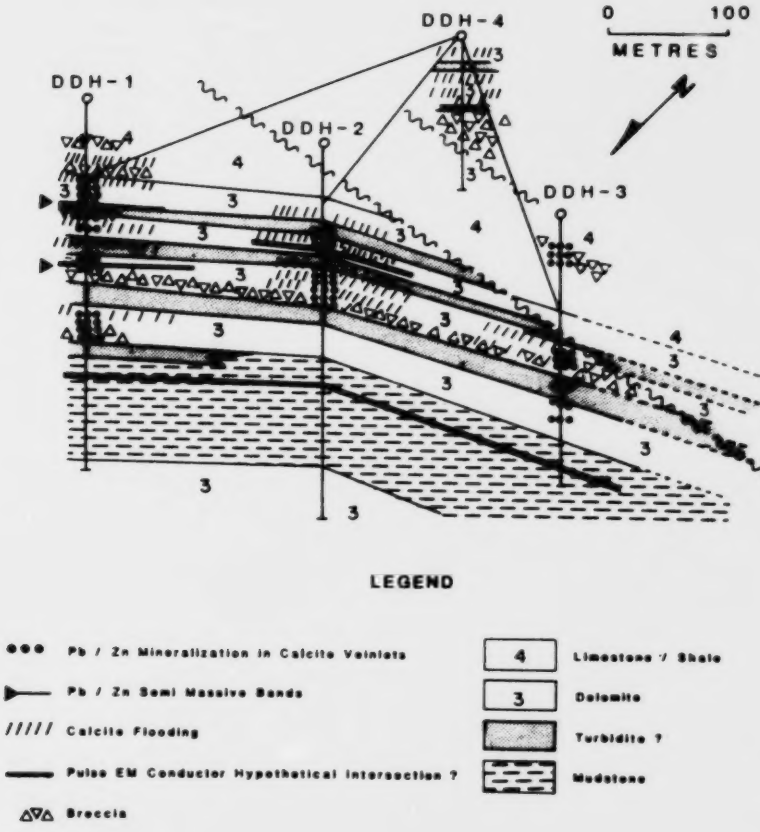
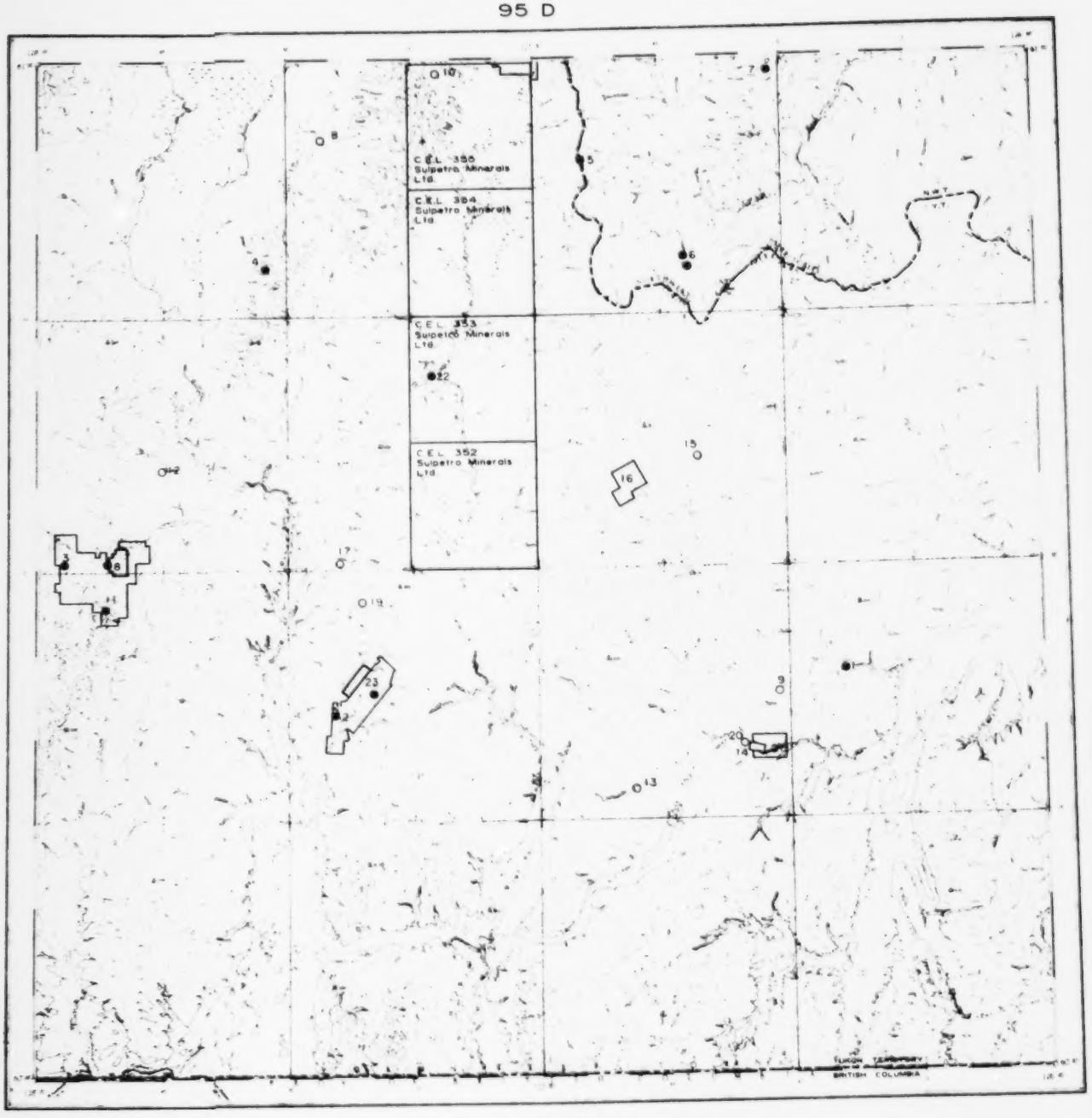


Figure 2. Drill cross section, Beav property.

95 D



COAL RIVER

YUKON TERRITORY - NORTHWEST TERRITORIES

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurence see Key on facing page

Unmineralized Target

Mineral Claims in good standing Jan. 1985 and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985).

Placer Claims in good standing (Jan. 1985).

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

COAL RIVER MAP-AREA (NTS 95 D)

General Reference: GSC Map 11-1968 by: H. Gabrielse, 1969.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	GUSTY	Unclassified	95 D 8	7	Gabrielse & Blusson (1969, p. 16)
2	MEL-HOSER	Stratabound, Vein Pb Zn Ba	95 D 6	2	D.I.A.N.D. (1985 p. 123); Miller & Wright (1985)
3	McMILLAN	Stratabound Pb Zn Ag	95 D 12	2	D.I.A.N.D. (1982, p. 85); Vaillancourt (D.I.A.N.D. 1983, p. 73-77)
4	CHU	Skarn Pb Zn	95 D 13	7	
5	GABE	Unclassified	95 D 15	9	Gabrielse & Blusson (1969, p. 16), D.I.A.N.D. (1981, p. 133)
6	LAST	Unclassified	95 D 15	9	Lambert (1969, p. 21-23)
7	STONEMARTEN	Unclassified	95 D 15	9	Lambert (1969, p. 21-23)
8	PORKER	Unclassified	95 D 12	7	D.I.A.N.D. (1983, p. 83-84,87); This Report
9	WOLF	Unclassified	95 D 7	9	D.I.A.N.D. (1982, p. 86)
10	SPORK	Unclassified	95 D 14	9	D.I.A.N.D. (1981, p. 133); D.I.A.N.D. (1982, p. 87)
11	CUZ	Unclassified	95 D 5	9	D.I.A.N.D. (1983, p. 83-84)
12	PLAY	Unclassified	95 D 12	9	D.I.A.N.D. (1983, p. 83,87)
13	LOOTZ	Unclassified	95 D 7	9	D.I.A.N.D. (1983, p. 83-84)
14	JT	Unclassified	95 D 7	9	D.I.A.N.D. (1983, p. 83-85)
15	OUDDER	Unclassified	95 D 10	9	D.I.A.N.D. (1983, p. 83,85)
16	DK	Unclassified	95 D 10	9	D.I.A.N.D. (1983, p. 83,85-86)
17	STAR	Unclassified	95 D 11	9	D.I.A.N.D. (1982, p. 86)
18	HERPES	Unclassified	95 D 14	9	D.I.A.N.D. (1983, p. 83,85-86)
19	QUO	Unclassified	95 D 6	9	D.I.A.N.D. (1983, p. 83,86)
20	LOBO	Unclassified	95 D 7	9	D.I.A.N.D. (1983, p. 83,86)
21	SPRUCE	Stratiform Zn Ba	95 D 7	7	D.I.A.N.D. (1985, p. 124)
22	ROCK RIVER COAL	Coal	95 D 11	2	D.I.A.N.D. (1982, p. 83,86); Long (1985); Wright and Miller (1985)
23	MEL-EAST	Unclassified	95 D 6	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

MEL-EAST
Sulpetro Minerals Ltd.

Lead, Zinc, Silver
95 D 6 (23)
(60° 23'N,137° 20'W)

Reference: D.I.A.N.D. (1985 p. 123).

Claims: KELI 1-4, JONI 1-8, HOSE 1-8, KELI 5-8, JERI 1-8, RALPO 1-7, CHUNGO 1-8, OTT 1-8, EDY 1-7, TOMI 1-8, MUMBO 1-8, DOZ 1-4, SIN 1-8, YANG 1-6

Source: Summary by D.A. Downing from assessment report 091541 by D.C.Miller.

Current Work and Results:

Work in 1984 consisted of soil, silt and rock geochemical sampling along with geological mapping.

Three new occurrences of smithsonite were recognized on the same stratigraphic horizon as the other previously located MEL-EAST showings. Float found between occurrences suggests that the mineralization could be continuous. Chip samples of the showings returned the following results.

Grid Location	Approx. True Width	%Zn	%Pb
N100+15N,100+00E	10.9 m	13.3	0.02
N 99+00N,100+00E	5.4 m	8.8	0.02
N102+75N,100+15E	4.5 m	10.6	0.01

Soil geochemical sampling was conducted both along intermediate lines on previously sampled grids and along new grids covering 1984 discoveries. In total 384 soil samples and 30 stream silt samples were taken.

The following maps were produced from the 1984 program: geology, geochemistry lead and geochemistry zinc all at 1:5000 and at 1:2500, a sample location plan with geology of the grid covering the 1984 smithsonite discoveries.

*****

1984 MINERAL CLAIMS STAKED

MEL-EAST
Sulpetro Minerals

95 D 6 (23)
(60°23'N, 127°23'W)

Claims 1984: DAVE 1-8, ANDY 1-8

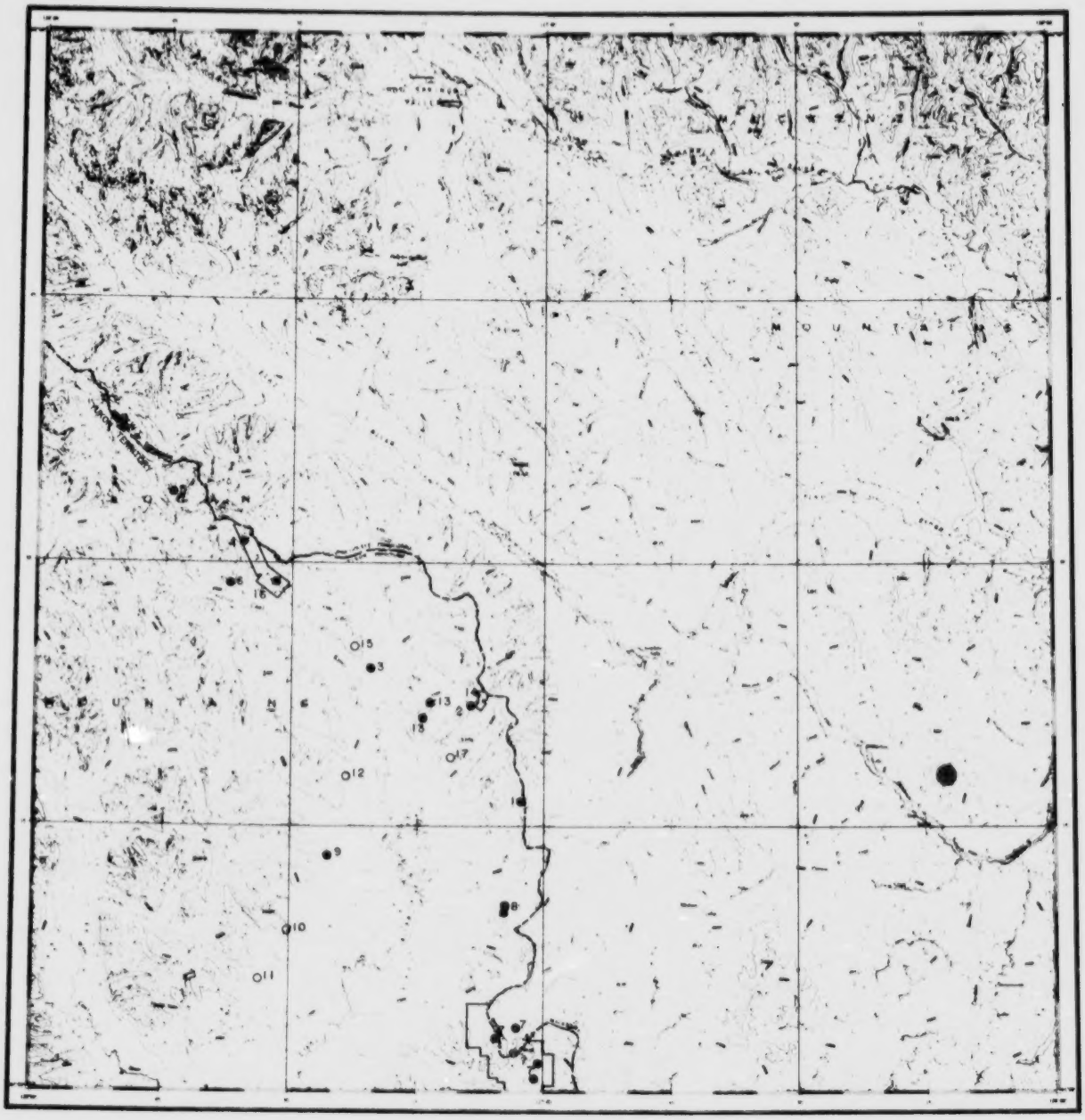
PORKER
Archer, Cathro and Assoc. (1981) Ltd.

95 D 12, 5 (8)
(60°31'N, 127°51'W)

Claims 1984: PIGLET 1-32

NOTES

95 E



FLAT RIVER
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurence see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985).

Placer Claims in good standing (Jan. 1985).

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licences.

CML Coal Mining Lease.

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

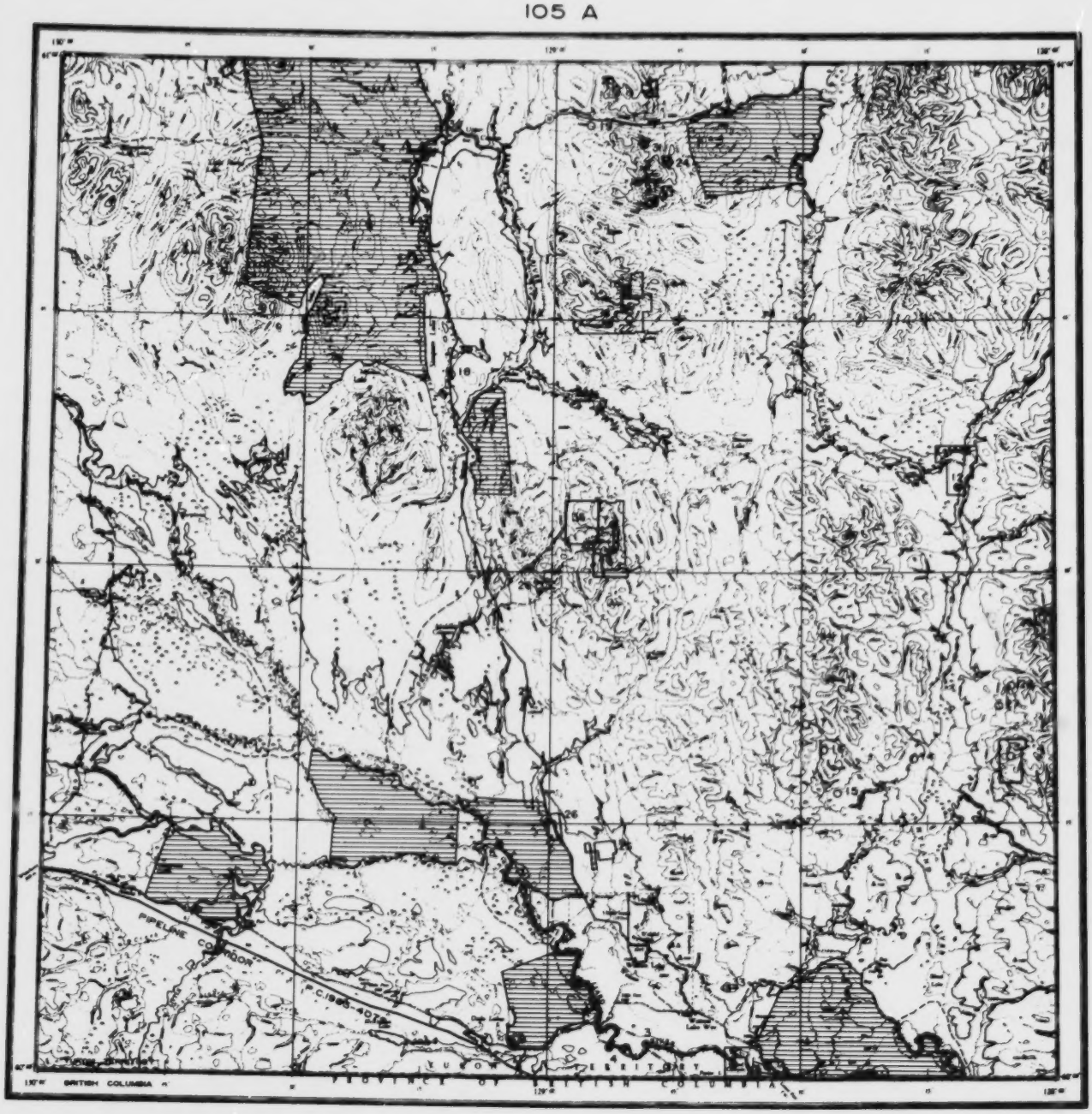
FLAT RIVER MAP-RIVER (NTS 95 E)

General Reference: GSC Map 1313A and Memoir 366 by: H. Gabrielse, J.A. Roddick, S.L. Blusson, 1973.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	TWIN (SUNSET)	Vein Cu Ag Pb Zn Au	95 E 6	6	Morin et al (1980, p. 50)
2	KOMISH	Skarn W	95 E 6	7	
3	MARION	Vein Ag Pb Zn	95 E 6	7	Mulligan (1964, p. 81); Gabrielse et al (1965, p. 28)
4	HEATHER	Skarn Zn Pb (Ag Sn)	95 E 12	7	
5	CAESAR	Skarn W	95 E 12	7	
6	CHARLIE	Skarn W Mo	95 E 5	7	D.I.A.N.D. (1981, p. 135)
7	IVO	Skarn W	95 E 3	6	D.I.A.N.D. (1983, p. 89)
8	SNEET	Skarn W	95 E 3	7	D.I.A.N.D. (1981, p. 136)
9	FYIQ	Skarn Pb Zn Cu	95 E 3	7	D.I.A.N.D. (1981, p. 136-137)
10	JOSE	Unclassified	95 E 4	9	D.I.A.N.D. (1981, p. 137)
11	NOWA	Unclassified	95 E 4	9	D.I.A.N.D. (1981, p. 137)
12	HOGIE	Unclassified	95 E 6	9	D.I.A.N.D. (1981, p. 137)
13	CREAM	Skarn W	95 E 6	7	D.I.A.N.D. (1983, p. 89)
14	LABELLE	Unclassified	95 E 6	9	D.I.A.N.D. (1981, p. 137)
15	ROSE	Skarn W	95 E 6	6	D.I.A.N.D. (1982, p. 90)
16	RIO	Skarn Ag Pb Zn	95 E 5	5	D.I.A.N.D. (1982, p. 90)
17	VNER	Unclassified	95 E 6	9	D.I.A.N.D. (1982, p. 90)

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

105 A



WATSON LAKE

YUKON TERRITORY

5 0 5 10 15 20 25 30

Kilometres

Lands withdrawn from staking (See to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurence see Key on facing page.

Unmineralized Target.

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984.

Mineral Claims staked in 1984.

Placer Leases in good standing (Jan. 1985).

Placer Claims in good standing (Jan. 1985).

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail.

Driveable Road.

Ski or Ice Way.

Airstrip.

WATSON LAKE MAP-AREA (NTS 105 A)

General Reference: GSC Map 19-1966 by: H. Gabrielse, 1966.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	WATSON	Vein Ag Pb Zn	105 A 2	7	This Report
2	NAZO	Vein Ag Pb Ba	105 A 2	5	This Report
3	CAROL	Unclassified	105 A 2	9	Lord (1944, p. 19)
4	ALBERT	Unclassified	105 A 2	9	Lord (1944, p. 19)
5	SAWMILL	Unclassified	105 A 3	9	Lord (1944, p. 19)
6	HUNDERE	Skarn Pb Zn Ag	105 A 10	2	This Report
7	RITCO	Skarn Pb Zn Ag	105 A 10	9	This Report
8	OSCAR	Skarn W Cu Mo	105 A 10	7	
9	PAT	Skarn W Cu	105 A 15	2	D.I.A.N.D. (1981, p. 140)
10	MARTIN	Skarn W Cu	105 A 15	7	
11	NOTT	Vein Cu Pb W	105 A 15	7	D.I.A.N.D. (1982, p. 93-94); This Report
12	WARBURTON	Vein Ag Cu Pb Zn	105 A 9	7	D.I.A.N.D. (1985, p. 131,132)
13	HYLAND	Unclassified	105 A 8	9	D.I.A.N.D. (1982, p. 94); This Report
14	TILL	Unclassified	105 A 8	9	D.I.A.N.D. (1981, p. 141)
15	LING	Unclassified	105 A 8	9	D.I.A.N.D. (1981, p. 141)
16	TOMMY	Unclassified	105 A 8	9	D.I.A.N.D. (1981, p. 141)
17	CELESTIAL	Unclassified	105 A 8	9	D.I.A.N.D. (1982, p. 94)
18	FALSE	Unclassified	105 A 11	9	D.I.A.N.D. (1981, p. 141)
19	KLUNK	Unclassified	105 A 15	9	D.I.A.N.D. (1981, p. 141)
20	BLACK	Unclassified	105 A 15	9	D.I.A.N.D. (1982, p. 94-95)
21	MURRAY (RAY)	Unclassified	105 A 15	9	D.I.A.N.D. (1981, p. 140)
22	PEGASEUS	Unclassified	105 A 15	9	D.I.A.N.D. (1981, p. 141)
23	GUM BEE	Unclassified	105 A 9	9	Morin et al (1980, p. 51)
24	EMILY	Unclassified	105 A 15	9	Morin et al (1980, p. 52); This Report
25	MARK	Vein W	105 A 15	7	Morin et al (1980, p. 52)
26	GE	Unclassified	105 A 7	9	D.I.A.N.D. (1985, p. 131,132)
27	CJ	Unclassified	105 A 8	9	D.I.A.N.D. (1982, p. 95)
28	MJM	Unclassified	105 A 8	9	D.I.A.N.D. (1982, p. 95)
29	AUP	Unclassified	105 A 8	9	D.I.A.N.D. (1983, p. 91-92)
30	CASHBOX	Unclassified	105 A 11	9	D.I.A.N.D. (1982, p. 95)
31	MOLLY	Vein Mo	105 A 15	7	This Report
32	P.D.	Unclassified	105 A 2	9	This Report
33	MEL	Unclassified	105 A 2	9	This Report
34	PUG	Unclassified	105 A 14	9	This Report
35	NORTHWEST	Unclassified	105 A 10	9	This Report
36	MIX	Unclassified	105 A 4	9	This Report
37	TIM	Unclassified	105 A 13	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

WATSON
P.A. Christopher
J. Melnychuk

Silver, Lead, Zinc
105 A 2 (1)
(60° 00'N, 128° 35'W)

Reference: D.I.A.N.D. (1985 p. 129,130).

Claims: MAN 1-24; ROM 17-20,25-44

Source: Summary by D.A. Downing from assessment report 091552 by D.R.B. Rainsford.

History:

1886 - G.M. Dawson noted argentiferous galena in Lower Liard Canyon.
1984 - Claims optioned to Billiton Canada Ltd. and later returned to P.A. Christopher and J. Melynchuk.

Current Work and Results:

Work in 1984 was specifically aimed at locating a SEDEX type deposit. The exploration model proposed that the WATSON showing was in the feeder zone of a deposit and that the NAZO occurrence was in the distal barite rich portion of the same deposit. Induced polarization, magnetic, electromagnetic, gravity and soil surveys were employed as the exploration methods to locate an ore body between the two showings.

The multiparameter geophysical program covered approximately 8 km^2 within Yukon and about an equal area in British Columbia. A wide conductive zone, thought to represent a graphitic schist horizon favourable for base metal mineralization, passes through the center of the property. Several narrow steeply dipping conductors were also located. Gravity was used to evaluate the conductive zones. Only two positive residual anomalies were detected on the edge of the grid and are open to the south.

The geochemical soil survey turned up no anomalies from glacio-fluvial overburden that was determined to be unreflective of bedrock.

*****

NAZO
P.A. Christopher
J. Melnchuck

Silver, Lead,
Barite
105 A 2 (2)
(60° 01'N, 130° 08'W)

Reference: D.I.A.N.D. (1985 p. 130)

Claims: Roman 1-20.

Source: Summary by D.A. Downing from assessment report 091552 by D.R.B. Rainsford.

History:

1886 G.M. Dawson noted argentiferous galena in Lower Liard Canyon.

1962-1975 Property restaked several times under various owners. Physical work was limited to minor trenching.

1979-1980 St. Joseph Exploration Ltd. completed geological mapping and geochemical sampling.

1980-1981 Logan Mines Ltd. diamond drilled two holes(122m) and completed EM-16, magnetometer and soil surveys.

1983 ROM and MAN claims staked joining property to the WATSON(1).

1984 Claims optioned to Billiton Canada Ltd. and later returned to P.A. Christopher and J. Melnchuck.

Description:

See YEG'83p.130.

Current Work and Results:

As described Watson(1).

*****

HUNDERE
Canamax Resources Inc.

Lead, Zinc, Silver
105 A 10 (6)
(60° 32'N,128° 53'W)

Reference: D.I.A.N.D. (1985 p. 130).

Claims: MICA 5-12,40-41, CIMA 13-22,28-39,42-51,57-64, 97-102, HUN 81-104,107-111

Source: Summary by D.A. Downing from assessment report 091615 by D.B. Fleming, C.J. Hodgson, A.C. Hitchins.

Current Work and Results:

The property was soil sampled as part of a geochemical survey covering the HUNDERE, RITCO and NORTHWEST occurrences. Eight areas anomalous in lead, zinc and silver were located. Four of the anomalies are expressions of know mineralization. The remaining three anomalies are suspected to reflect weak sulphide mineralization in hornfels and quartz/epidote veins.

*****

RITCO
Canamax Resources Inc.

Lead, Zinc, Silver
105 A 10 (7)
(60° 32'N,128° 53'W)

Reference: Findlay (1967, p. 65-66).

Claims: MICA 1-4, CIMA 23-27,52-53,65-78,84-95

Source: Summary by D.A. Downing from assessment report 091615 by D.B. Fleming, C.J. Hodgson, A.C. Hitchins.

History:

The showing was discovered and staked in 1962 at the same time as the HUNDERE occurrence. The RITCO is commonly referred to as the North showing of the HUNDERE deposit. An access road was built to the property in 1963. Previous work consists of trenching, 172 m of diamond drilling in two holes, geochemical surveying and geological mapping.

Current Work and Results:

The property was soil sampled as part of a geochemical survey covering the HUNDERE, RITCO and NORTHWEST occurrences. Several unexplained soil anomalies were located.

*****

NORTHWEST
Canamax Resources Inc.

105 A 10 (35)
(60°32'N,128°53'W)

Claims: HUN 1-80

Source: Summary by D.A. Downing from assessment report 091615 by D.B. Fleming, C.J. Hodgson, A.C. Hitchins.

Current Work and Results:

The property was soil sampled as part of a geochemical survey covering the HUNDERE, RITCO and NORTHWEST occurrences. A showing (NORTHWEST), west of the RITCO was staked and soil sampled. Trenching by previous operators exposed highly contorted quartz-carbonate-epidote veins. A 1250 ppm Pb anomaly west of the trenches indicates the mineralized structure may be continuous in that direction. Several other soil samples ranging from 116 to 310 ppm Pb occur along the projected limestone-phyllite contact in the northwest corner of the claims.

*****

MOLLY
T. Liverton

Molybdenum
105 A 15 (31)
(60°55'N,128°50'W)

Reference: D.I.A.N.D. (1982 p. 95)

Claims: JACK 1-4

Source: Summary by D.A. Downing from assessment report 091572 by T. Liverton

Current Work and Results:

Detailed geologic mapping (1:200) of the mineralized quartz vein swarm along a 100 m strike length and completion of 1:2000 scale mapping of the claims started in 1981 was the focus of work in 1984. Two 150 kg bulk samples of vein material were trenched. The first two samples listed below were collected from veins in the bulk sample trenches. Tin assays for all the samples were less than 0.01%.

Sample #	Sample Weight (kg)	Mo (%)	WO_3 (%)	Au (g/t)
1	15	0.001	_0.01	0.274
2	15	0.034	_0.01	0.343
3	6	0.072	0.02	0.480

*****

1984 MINERAL CLAIMS STAKED

MIX — 105 A 4 — (36)
Wilf Taylor — (60°10'N, 129°42'W)

Claims 1984: MIX 1

HYLAND — 105 A 8 — (13)
C.G. Verley — (60°18'N, 128°05'W)

Claims 1984: RIS 1-52

HUNDERE — 105 A 10,7 — (6)
Canamax Resources Inc. — (60°30'N, 128°53'W)

Claims 1984: HUN 1-104, 107-111

TIM — 105 A 13 — (37)
A. Black — (60°59'N, 129°41'W)

Claims 1984: TIM 1-4

NOTT — 105 A 15 — (11)
A. Black — (60°58'N, 128°48'W)

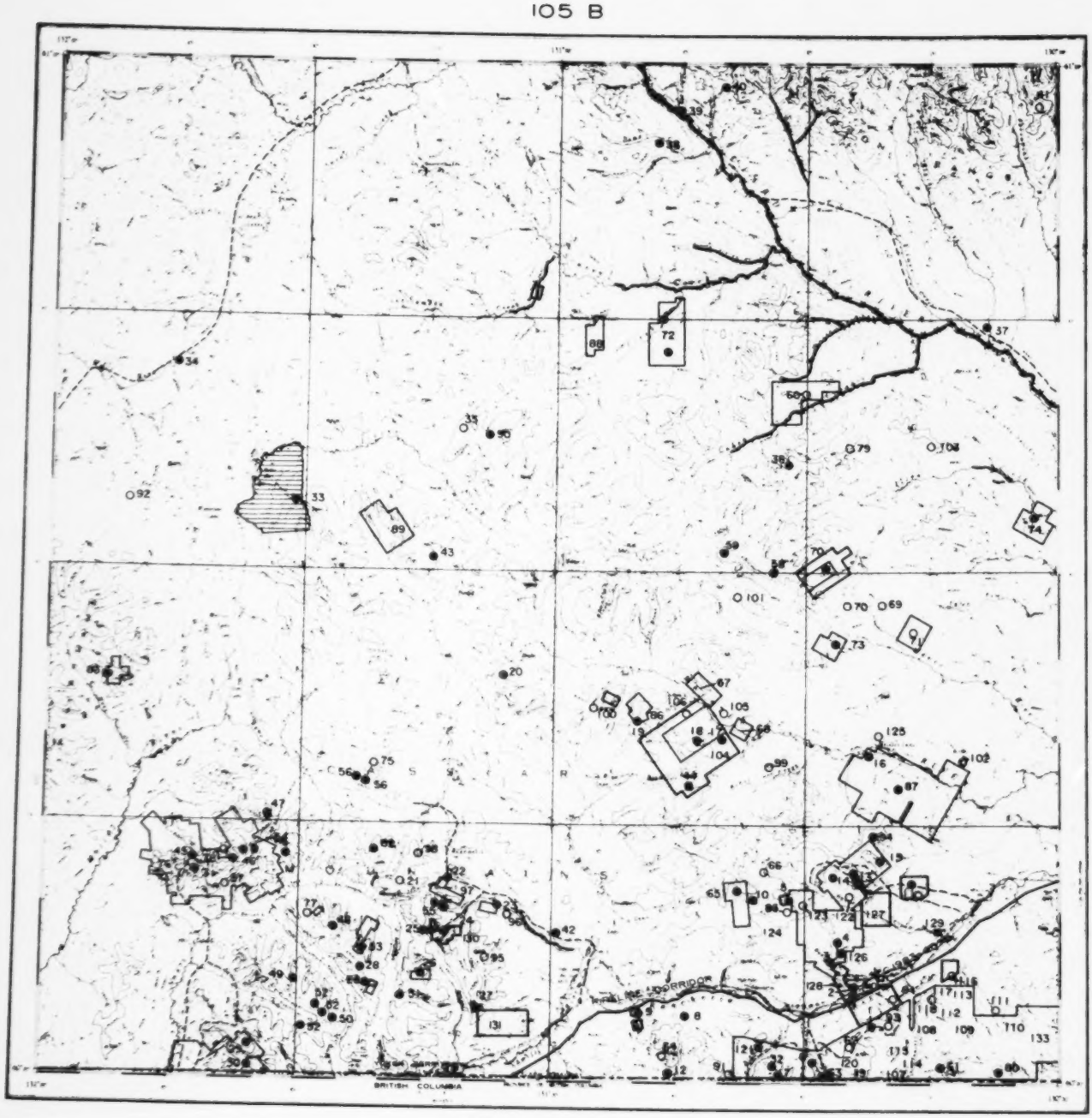
Claims 1984: WAYNE 1-8

EMILY — 105 A 15 — (24)
A. Black — (60°54'N, 128°46'W)

Claims 1984: ROSE 1-4

NOTES

105 B



WOLF LAKE
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurence see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985).

Placer Claims in good standing (Jan. 1985)

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip.

WOLF LAKE MAP-AREA (NTS 105 B)

General Reference: GSC Map 10-1960 by: W.H. Poole, J.A. Roddick and L.H. Green, 1960.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	LORD (IDAHO)	Vein, Replacement Au Ag Pb Zn	105 B 1	7	D.I.A.N.D. (1985, p. 137); This Report
2	STERLING	Vein Ag Pb Zn	105 B 1	7	D.I.A.N.D. (1985, p. 139,140); This Report
3	LUCK	Replacement Pb Zn Ag	105 B 1	6	D.I.A.N.D. (1981, p. 144); This Report
4	FIDDLER	Vein Pb Zn Ag, Skarn W Mo	105 B 1	6	D.I.A.N.D. (1981, p. 144)
5	LENA	Vein Pb Zn Ag	105 B 1	7	D.I.A.N.D. (1985, p. 140)
6	DALE	Vein Pb Zn Ag	105 B 1	5	D.I.A.N.D. (1985, p. 140-141)
7	HOLLIDAY	Vein Ag Pb Zn	105 B 1	7	D.I.A.N.D. (1985, p. 141,142)
8	TROY	Occurrence Cu	105 B 2	7	
9	CARLICK	Unclassified	105 B 2	9	D.I.A.N.D. (1985, p. 142); This Report
10	SHILSKY	Skarn Cu	105 B 2	7	
11	KUBIAK	Vein Pb Zn	105 B 1	7	This Report
12	BLACK ROCK	Vein Ag Pb Zn Cu	105 B 2	7	
13	KODIAK	Vein, Replacement Pb Ag Zn	105 B 1	7	This Report
14	HARDTACK	Vein Pb Zn Ag	105 B 1	7	This Report
15	KERNS	Vein Ag Pb Zn Cu W	105 B 1	7	D.I.A.N.D. (1985, p. 144)
16	MEISTER	Vein Cu	105 B 8	7	
17	NITE	Skarn W Mo Zn	105 B 7	7	
18	MIDNIGHT (MID)	Skarn Pb Ag	105 B 7	7	D.I.A.N.D. (1985, p. 144-145,150); This Report
19	AURORA	Vein, Skarn Ag Pb Zn Cu	105 B 7	7	This Report
20	ALMOST	Occurrence W	105 B 6	7	
21	HIDDEN (PONT B)	Skarn Pb Zn Cu W	105 B 3	7	Morin et al (1980, p. 56)
22	ATOM	Skarn Zn	105 B 3	7	D.I.A.N.D. (1981, p. 144); D.I.A.N.D. (1985, p. 150)
23	BAR	Skarn Zn Pb Ag	105 B 3	6	D.I.A.N.D. (1981, p. 144); D.I.A.N.D. (1983, p. 95,101); D.I.A.N.D. (1985, p. 150)
24	BOM	Skarn Zn Pb Ag	105 B 3	7	D.I.A.N.D. (1983, p. 95-96); D.I.A.N.D. (1985, p. 150)
25	MUNSON	Vein/Breccia Sn (W Mo Cu), Skarn Zn Pb W Cu	105 B 3	7	D.I.A.N.D. (1981, p. 145)
26	PARTRIDGE (VAL A)	Vein Sn, Skarn Zn	105 B 3	7	D.I.A.N.D. (1981, p. 147)
27	GEM	Pegmatite Topaz	105 B 3	7	D.I.A.N.D. (1981, p. 147)
28	VAL B	Skarn Sn Zn	105 B 3	7	D.I.A.N.D. (1983, p. 95-97)
29	LOGJAM	Vein Au Ag Pb Zn	105 B 4	5	D.I.A.N.D. (1983, p. 95,97,101)
30	LOGTUNG (BERYL)	Porphyry W Mo	105 B 4	2	D.I.A.N.D. (1982, p. 98,105)
31	J.C. (VIOLA)	Skarn Sn	105 B 4	6	D.I.A.N.D. (1983, p. 95,97); Layne and Spooner (1985)
32	POG	Vein Ag Pb Zn	105 B 1	7	D.I.A.N.D. (1985, p. 145)
33	TROUT	Vein Fe	105 B 12	7	
34	MUNG	Porphyry Cu	105 B 12	7	
35	IRVINE	Unclassified	105 B 11	9	D.I.A.N.D. (1981, p. 149); This Report
36	TUNG	Skarn W	105 B 10	7	D.I.A.N.D. (1981, p. 149)
37	MOOSELICK	Vein Cu	105 B 9	6	Craig and Laporte (1972, Vol. 1, p. 138-139); This Report
38	DOME	Vein Cu	105 B 15	7	Green (1966, p. 84); This Report
39	OLD GOLD	Vein Cu	105 B 15	7	Findlay (1967, p. 64)
40	RAINBOW	Vein Cu	105 B 15	7	
41	PORCUPINE	Asbestos	105 B 16	7	D.I.A.N.D. (1982, p.106)

42	OULETTE	Unclassified	105 B 2	7	D.I.A.N.D., Mines and Minerals Activities (1971, p. 73); D.I.A.N.D. (1983, p. 95,101)
43	ZAK	Vein Ag Pb Zn Cu	105 B 11	7	Sinclair & Gilbert (1975, p. 80)
44	BOY	Vein Pb	105 B 7	7	D.I.A.N.D. (1981, p. 150); D.I.A.N.D. (1985, p. 150)
45	M.C. (SWIFT)	Vein Sn, Skarn Zn	105 B 4	6	This Report
46	DU	Vein Sn	105 B 4	6	D.I.A.N.D. (1982, p. 99)
47	I	Skarn Cu W Mo	105 B 5	7	D.I.A.N.D. (1982, p. 99,105)
48	SIN	Vein Sn	105 B 3	7	D.I.A.N.D. (1981, p. 152); D.I.A.N.D. (1982, p. 105)
49	VH	Skarn W	105 B 3	7	D.I.A.N.D. (1981, p. 152)
50	SLOUCE	Skarn Sn	105 B 3	7	D.I.A.N.D. (1982, p. 99,105)
51	SKIN	Vein Sn	105 B 3	7	D.I.A.N.D. (1981, p. 152)
52	MW	Skarn Sn Zn	105 B 3	7	D.I.A.N.D. (1982, p. 99)
53	MUH	Skarn Sn W	105 B 3	7	D.I.A.N.D. (1983, p. 95,97)
54	CAN	Skarn Sn	105 B 4	6	D.I.A.N.D. (1982, p. 100)
55	STQ	Vein Sn (Greisen)	105 B 3	6	D.I.A.N.D. (1981, p. 145)
56	HL	Replacement W	105 B 6	5	D.I.A.N.D. (1982, p. 100)
57	FUR	Unclassified	105 B 4	9	D.I.A.N.D. (1981, p. 155)
58	COM (54-59)	Occurrence Pb Zn	105 B 10	7	D.I.A.N.D. (1981, p. 155)
59	BINGY (COM (45-53))	Vein Pb Ag	105 B 10	7	D.I.A.N.D. (1985, p. 146)
60	CABIN	Unclassified	105 B 9,10	9	D.I.A.N.D. (1982, p. 100)
61	MIDWAY (TOOT)	Carbonate-hosted Pb Zn Ag, Stratiform Ba	105 B 1	2	D.I.A.N.D. (1983, p. 95,97-98); D.I.A.N.D. (1985, p. 149)
62	IDAHO				This occurrence is hereforth combined with the 1 LORD.
63	LUCKY (ANT)	Vein Ag Pb Zn	105 B 1	7	D.I.A.N.D. (1985, p. 146)
64	LICK	Unclassified	105 B 2	9	D.I.A.N.D. (1982, p. 101-102)
65	GOAT	Skarn W Mo Cu, Vein Zn Pb Ag	105 B 2	7	D.I.A.N.D. (1982, p. 102)
66	BESSEY	Unclassified	105 B 2	9	D.I.A.N.D. (1981, p. 159)
67	CARIBOU	Porphyry Mo	105 B 7	7	D.I.A.N.D. (1981, p. 156)
68	OAKE	Unclassified	105 B 7	9	D.I.A.N.D. (1981, p. 156)
69	URSUS	Unclassified	105 B 8	9	D.I.A.N.D. (1982, p. 103)
70	LOGAN	Vein Zn Ag Sn	105 B 9	6	This Report
71	MOOSE	Unclassified	105 B 8	9	D.I.A.N.D. (1981, p. 156)
72	TEAM	Skarn Zn W	105 B 10,15	7	D.I.A.N.D. (1982, p. 103,105)
73	LITTLE MOOSE	Vein Zn Pb Cu	105 B 8	7	D.I.A.N.D. (1981, p. 157)
74	WOLF	Stratiform Zn Pb Cu Ag	105 B 9	6	D.I.A.N.D. (1982, p. 103)
75	ICE	Unclassified	105 B 6	9	D.I.A.N.D. (1982, p. 103)
76	PLUG	Unclassified	105 B 4	9	D.I.A.N.D. (1981, p. 158)
77	PONT	Unclassified	105 B 3	9	D.I.A.N.D. (1981, p. 158)
78	ZINC	Unclassified	105 B 4	9	D.I.A.N.D. (1981, p. 158)
79	ELLE	Unclassified	105 B 9	9	D.I.A.N.D. (1981, p. 158)
80	HOT	Skarn W	105 B 1	7	D.I.A.N.D. (1981, p. 159); This Report
82	GULL	Skarn Zn Pb (Ag Sn)	105 B 3	7	Morin et al (1980, p. 56); D.I.A.N.D. (1983, p. 95,101)
83	ANNI	Skarn Sn Zn	105 B 5	7	D.I.A.N.D. (1983, p. 95,98,101); D.I.A.N.D. (1985, p. 150)
84	MAC	Unclassified	105 B 1	9	D.I.A.N.D. (1983, p. 95,101); This Report
85	LOST	Unclassified	105 B 2	9	D.I.A.N.D. (1982, p. 105)
86	PINESOL	Unclassified	105 B 7	9	D.I.A.N.D. (1982, p. 105)
87	MR	Replacement (?) Pb Zn Ag	105 B 8	7	This Report
88	STONEAXE	Unclassified	105 B 10	9	D.I.A.N.D. (1982, p. 104,105)
89	THRALL	Porphyry Mo	105 B 11	7	D.I.A.N.D. (1983, p. 95,99-100)
90	SOURCE	Vein, Skarn Pb Zn	105 B 11	7	D.I.A.N.D. (1983, p. 95,100)
91	BORDER	Unclassified	105 B 2	9	D.I.A.N.D. (1982, p. 104)
92	CO	Unclassified	105 B 12	9	D.I.A.N.D. (1982, p. 105)
93	LYDIA	Unclassified	105 B 1	9	This report
94	CER	Unclassified	105 B 1	9	D.I.A.N.D. (1983, p. 95,101)
95	SEA	Unclassified	105 B 3	9	D.I.A.N.D. (1983, p. 95,101)
96	PARK	Unclassified	105 B 3	9	D.I.A.N.D. (1983, p. 95,101)
97	FALL	Unclassified	105 B 3	9	D.I.A.N.D. (1983, p. 95,101)
98	CRE	Unclassified	105 B 3	9	D.I.A.N.D. (1983, p. 95,101)
99	BEA	Unclassified	105 B 7	9	D.I.A.N.D. (1983, p. 95,101)
100	SAB	Unclassified	105 B 7	9	D.I.A.N.D. (1983, p. 95,101); This Report

101	MEI	Unclassified	105 B 7	9	D.I.A.N.D. (1983, p. 95,101)
102	GLEN	Unclassified	105 B 8	9	D.I.A.N.D. (1983, p. 95,102)
103	TOD	Unclassified	105 B 9	9	D.I.A.N.D. (1983, p. 95,100,102)
104	MAR	Unclassified	105 B 7	9	D.I.A.N.D. (1983, p. 95,101)
105	OTH	Unclassified	105 B 7	9	D.I.A.N.D. (1983, p. 95,101)
106	BRX	Unclassified	105 B 7	9	D.I.A.N.D. (1983, p. 95,101)
107	STAR	Unclassified	105 B 1	9	This Report
108	SUN	Unclassified	105 B 1	9	D.I.A.N.D. (1985, p. 149)
109	RUN	Unclassified	105 B 1	9	D.I.A.N.D. (1985, p. 149)
110	ERIC	Unclassified	105 B 1	9	D.I.A.N.D. (1985, p. 149)
111	CARL	Unclassified	105 B 1	9	D.I.A.N.D. (1985, p. 149)
112	WIND	Unclassified	105 B 1	9	D.I.A.N.D. (1985, p. 149)
113	DILL	Unclassified	105 B 1	9	D.I.A.N.D. (1985, p. 149)
114	MOON	Unclassified	105 B 1	9	This Report
115	BLUE	Unclassified	105 B 1	9	D.I.A.N.D. (1985, p. 148-149)
116	ZAM	Unclassified	105 B 1	9	D.I.A.N.D. (1985, p. 149); This Report
117	CORD	Unclassified	105 B 1	9	D.I.A.N.D. (1985, p. 149)
118	XL	Unclassified	105 B 1	9	D.I.A.N.D. (1985, p. 149)
119	GARRETT	Unclassified	105 B 1	9	D.I.A.N.D. (1985, p. 149)
120	POND	Unclassified	105 B 1	9	D.I.A.N.D. (1985, p. 149)
121	ALAN	Vein Ag Pb	105 B 1	7	D.I.A.N.D. (1985, p. 149)
122	AG	Unclassified	105 B 1	9	D.I.A.N.D. (1985, p. 149)
123	SPENCER	Unclassified	105 B 1,2	9	This Report
124	JOHN	Unclassified	105 B 2	9	D.I.A.N.D. (1985, p. 149)
125	TONI	Unclassified	105 B 8	9	D.I.A.N.D. (1985, p. 150)
126	PETE	Unclassified	105 B 1	9	This Report
127	HEAD	Unclassified	105 B 1	9	This Report
128	ZULU LADY	Unclassified	105 B 1	9	This Report
129	RAKE	Unclassified	105 B 1	9	This Report
130	MAS	Unclassified	105 B 3	9	This Report
131	CEA	Unclassified	105 B 3	9	This Report
132	MATHEW	Unclassified	105 B 14	9	This Report
133	TIM	Unclassified	105 B 1	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

KODIAK
Hardy International Developments Ltd.

Lead, Zinc, Silver
Vein, Replacement
105 B 1 (13)
(60°13'N,130°20'W)

Reference: D.I.A.N.D. (1984, p. 135,143).

Claims: JACK 33-79; DANE 1-8,10,11; AG 1-32

Source: Summary by D.A. Downing from assessment report 091531 by A.O. Birkeland and 091549 by F.M. Smith.

Current Work and Results:

Three surface trenches and 304 m of NQ diamond drilling in seven holes beneath the trenches was completed on the DANE 7 claim. Sulphide mineralization exposed on surface was intersected by the drilling, but was of diminished width and grade.

*****

HARDTACK
D. Schellenburg

Lead, Zinc, Silver
105 B 1 (14)
(60°12'N,130°27'W)

Reference: D.I.A.N.D. (1985 p. 143-144).

Claims: ORO 1-26

Source: Summary by D.A. Downing from assessment report 091596 by R. Darney.

Current Work and Results:

A 403-sample soil geochemical survey was carried out in 1984 covering the entire claim block. The samples were analyzed for lead and zinc with values ranging from 13-469 ppm lead and 21-1301 ppm zinc. A coincident linear lead/zinc anomaly (+100 ppm Pb, +150 ppm Zn), was located in the southwest portion of the claims. The lead anomaly has a 1400 m strike length and the zinc anomaly a 230C m strike length with widths up to 240 m.

*****

LYDIA
Janatar Resources Corp.

105 B 1 (093)
(60° 03'N, 130° 21'W)

Claims: LYDIA A,B,E,F and KAREN 1-2

Source: Summary by D.A. Downing from assessment report 091556 by P.A. Christopher.

Current Work and Results:

The claims were staked in 1983 and geochemical and geophysical surveys were conducted in 1984. Thirty-four soil and silt samples were collected and analyzed for copper , lead, zinc, silver, molybdenum and gold. Silver values ranged from 0.1-1.5 ppm, lead from 3-230 ppm and zinc from 30-480 ppm. A limited magnetometer survey was also run.

*****

STAR
Dynamite Oil and Gas Inc.

105 B 1 (107)
(60° 01'N, 130° 21'W)

Reference: D.I.A.N.D. (1985 p. 149).

Claims: STAR 1-32

Source: Summary by D.A. Downing from assessment report 091599 by P.A. Christopher.

Description:

The STAR claims cover Devonian Sylvester Group rocks on the east side of the Cretaceous Cassiar Batholith. The area is cut by steep northeast and north-northeast trending faults.

Current Work and Results:

Preliminary geophysical and geochemical surveys were run over the claim group in 1984. The magnetometer survey was useful in mapping geologic features obscured by overburden. VLF-EM indicated several conductive zones on the property, particularly along the south margin of the claims. The one hundred and ninety-two soil and silt samples were collected and analyzed for silver, copper and zinc. They returned their highest values up to 2.8 ppm Ag, 68 ppm Cu and 308 ppm Zn, coincident with the best VLF-EM responses over the southern margin of the property.

*****

MOON 105 B 1 (114)
Orotek Resources Corp. (60°02'N,130°19'W)

Reference: D.I.A.N.D. (1985 p. 149).

Claims: MOON 1-28

Source: Summary by D.A. Downing from assessment report 091571 by P.A. Christopher.

History:

The MOON claims were staked in 1983 to cover rocks considered geologically favourable for stratiform silver-lead-zinc mineralization within the Mississipian-Devonian Sylvester Group.

Current Work and Results:

A work program of geochemistry and geophysics was conducted in 1984 over a compass and chain grid. A total of 398 soil samples were collected and analyzed for lead, zinc and silver. Thirty-one samples with elevated silver values define a northeasterly trend across the center of the property from the southern border of the claims. The VLF-EM and magnetometer surveys are interpreted as giving initial indications that the claims cover the Lower Sylvester Group as well as the Upper Sylvester Group rocks that outcrop in the northern part of the property.

*****

HEAD
Canamax Resources Inc.

105 B 1 (127)
(60°10'N,130°21'W)

Claims: HEAD 1-56

Source: Summary by D.A. Downing from assessment report 091588 by T. Hitchins.

Description:

A lower Cambrian phyllite-carbonate contact is underlain by a circular magnetic feature. The units dip gently to the east with massive carbonate rocks sandwiched between phyllite to the west and quartzite to the east. A narrow biotite-rich dyke is exposed near the center of the property. Pale green calc-silicate hornfels float with trace pyrite and pyrrhotite are also found on the property.

Current Work and Results:

In 1984, a soil geochemical survey with four hundred fifty samples analyzed for ten elements was conducted. Lead anomalies with peak soil values of 1000 ppm were confined to areas underlain by limestone. The anomalies are unexplained although minor galena in manganese oxide vein float and trace disseminated galena in limestone float and outcrop were found at some distance from the soil anomalies. Silver results were low in the anomalous lead areas.

During the 1:10,000 scale geological mapping of the claims, a trace of fluorite was found in an outcrop of folded limestone.

*****

TIM
Regional Resources Limited
Canamax Resources Inc.

105 B 1 (133)
(60° 02'N, 130° 12'W)

Reference: D.I.A.N.D. (1985 p. 149).

Claims: TIM 1-160

Source: Summary by D.S. Emond from assessment report 091591 by M.A. Stammers (Cordilleran Engineering).

History:

The claims were staked in September, 1983. Reconnaissance stream sediment sampling, soil geochemistry and prospecting was performed that year.

Description:

A Lower Cambrian limestone and a Lower Cambrian or earlier quartzite, siltstone, mudstone and shale have been outlined on the property. A thick, light grey weathering quartzite occurs in the central part, and brown weathering siltstone, mudstone and shale occurs in the north and north-central part of the property. The limestone is medium-bedded to massive, buff to grey weathering with minor shale partings, and is crosscut by calcite veins. Bedding trends northwest and dips southwest.

Current Work and Results:

In 1984, grid preparation (13.0 km of line-cutting and 54.0 km of flag and compass), extensive soil geochemical sampling (1150 soil samples at 50 m intervals on lines 200 m apart, 2 rock samples and one stream sediment sample) and geological mapping (1:10 000 and 1:1000 scales) were performed on the property.

Geochemical soil sampling has outlined three separate west-northwest trending anomalous areas ranging from 600 to 1200 m long by 400 m wide with up to 1020 ppm Pb, 1030 ppm Zn, 5.2 ppm Ag, 4200 ppm Mn and 7.00% Fe.

*****

SPENCER
Regional Resources Ltd.
Cordilleran Engineering

Silver, Lead, Zinc
105 B 1,2 (123)
(60°10'N,130°30'W)

Reference: D.I.A.N.D. (1985 p. 137,149).

Claims: SPENCER 1-60

Source: Summary by D.S. Emond from assessment report 091589 by M.A. Stammers (Cordilleran Engineering).

History:

The area of the Spencer property was previously staked four times between 1958 and 1978 and some trenching was conducted in the northern part. The claims were staked in September, 1983 to cover geochemical and geological anomalies found in 1983 during stream sediment sampling and prospecting.

Description:

The mineralization is galena and sphalerite with manganosiderite in narrow veins and poddy replacement zones within Lower Cambrian limestone and phyllite near the contact of the Cassiar Batholith.

Current Work and Results:

In 1984, exploration work included grid preparation (5.6 line-km), soil geochemical surveys (484 soil samples collected in the north central part of the property every 50 m on lines 200 m apart and analyzed for lead, zinc, silver and manganese) and preliminary geological mapping (1:10,000 and 1:30,000 scales).

Three small geochemical anomalies gave values up to 3000 ppm Pb, 4465 ppm Zn, greater than 50.0 ppm Ag and 14,000 ppm Mn. Grab samples from a 3.0 to 8.0 cm thick lens have values of 744.67 g/t Ag, 7.98% Pb and 6.82% Zn.

*****

MR
Regional Resources Limited
Getty Canadian Metals, Limited

Lead,Zinc,Silver
105 B 1,8 (87)
(60°17'N,130°18'W)

Reference: D.I.A.N.D. (1985 p. 136,147-149), Abbott (1985 p. 34-44).

Claims: MR 1-410

Source: Summary by D.S. Emond from assessment report 091614 by M.A. Stammers (Cordilleran Engineering).

Description:

The South Zone is underlain by a folded, faulted and metamorphosed sequence of Lower Cambrian or earlier sedimentary rocks. An older lower clastic unit in the northwest is comprised of quartzite with minor interbedded muscovite- and chlorite-phyllite which becomes more prominent upward (and southward). This is overlain to the south by upper clastic and carbonate units comprised of limestone, carbonaceous to graphitic phyllite, calcareous phyllite, and muscovite-sericite phyllite.

Current Work and Results:

In 1984, the MR 391-410 were added on to the claim group and the work program concentrated on the eastern half of the property, especially on the South Zone. It consisted of grid preparation, aerial photography, soil geochemical surveys, induced polarization geophysical surveys, geological mapping and overburden drilling.

Grid preparation included 15.57 km of linecutting. A total of 802 soil samples were collected and analyzed for lead, zinc, silver, iron and manganese; 14 rock samples were collected and analyzed for lead, zinc, and silver. Drilling consisted of 231 overburden sonic drill holes totalling 297 m; these were sampled, both the unconsolidated material and the bedrock interface including 515 soil and 60 rock samples. Geophysical surveying included 20.8 km of conventional IP and 7.1 km of Phase IP surveys over the South and East Zones. Mapping over the South Zone grid was performed at 1:2500 scale. Aerial photography was done over the entire property at 1:10,000 and 1:25,000 scale.

Combined results from geophysical and geochemical surveys and overburden drilling have outlined four anomalous areas. Area No. 1 is over a Pb-Zn-Ag soil geochemical anomaly and an oxide-rich quartzite sample from the bedrock interface assayed 5.6% Pb, 0.14% Zn and 15.08 g/t Ag. Area 2 has a Phase IP anomaly coincident with significant lead-zinc-silver geochemistry from overburden drill holes. An oxide-bearing limestone sample collected from the drilled bedrock interface assayed 0.18% Pb, 2.85% Zn and 1.37 g/t Ag. Area 3 has smithsonite- and zinc-oxide bearing float and drilling produced samples from the bedrock interface which ran 5.6% Zn, 0.74% Pb and 19.88 g/t Ag. Area 4 is defined by silver geochemical and Phase IP anomalies with overburden drilling samples carrying up to 760 ppm Pb, 1120 ppm Zn and 21.0 ppm Ag.

******

MC (SWIFT) — Tin, Zinc
CSA Minerals Inc. — 105 B 4 (45)
Duval International Corp. — (60°12'N,131°45'W)
Welcome North Mines

Reference: D.I.A.N.D. (1982 p.98-99).

Claims: SWIFT, SLIDE, MC, JILL

Source: Summary by D.A. Downing from assessment report 091580 by J.M. Kowalchuk.

Current Work and Results:

Four BQ diamond drill holes totalling 218 m were completed in 1984. Assays of up to 0.395% Sn, 20,500 ppm Zn, 10.2 ppm Ag and 70 ppb Au were returned over 2.0 m sections in skarn horizons. The skarn beds are typically dark green to black and well foliated with a mode of 20% quartz, 30% actinolite, 10% magnetite, 5% arsenopyrite, 2-4% sphalerite and 30% pyroxene.

*****

AURORA
B.A. Resources Limited

Silver,Lead,Zinc,
Copper Vein
105 B 7 (19)
(60° 21'N,130° 50'W)

Reference: D.I.A.N.D. (1985 p. 135,145,150).

Claims: RINGO 1-26

Source: Summary by D.S. Emond from assessment report 091553 by R.S. Adamson.

History:

The RINGO 1-8 were staked in 1980, 9-12 in 1982, and 13-26 in 1983.

Current Work and Results:

In 1984, test VLF electromagnetic and self potential geophysical surveys were conducted across the main calc-silicate zone along two 120 m-spaced lines, each 300 m long. Only VLF-EM was found useful in detecting and tracing mineralized zones on the property, detecting two conductor axes on one line, and one on the other.

*****

LOGAN
Regional Resources Ltd.
Getty Canada Metals Ltd.
Cordilleran Engineering

Silver, Lead, Zinc
Copper, Tin
105 B 7,8,9 (70)
(60°30'N,130°28'W)

Reference: D.I.A.N.D. (1985 p. 136,147).

Claims: LOGAN 1-94

Source: Summary by D.S. Emond from assessment report 091601 by M.A. Stammers (Cordilleran Engineering).

Current Work and Results:

In 1984, 14.2 line-km were cut, 1785 soil and 50 rock samples were collected, 8.0 km of proton magnetometer and 100 m dipole-spread IP surveys were completed along with preliminary and detailed geological mapping (1:5000 and 1:500 scales). Hand trenching and sampling removed 4 m^3 of material from one trench on the LOGAN 3 claim..

Copper-lead-zinc-silver-tin soil geochemical and coincident IP geophysical anomalies were located over a 1200 m by 150 m area of widespread, multi-element mineralized vein, greisen, and stockwork-hosted occurrences known as the "Main Showing" (previously described in D.I.A.N.D. 1985 p. 98). Trenching exposed highly altered granodiorite crosscut by numerous quartz veins and veinlets up to 40 cm wide. Both veins and wallrock are mineralized with arsenopyrite, pyrite, and minor tetrahedrite and chalcopyrite and pervasively silicified, kaolinized and sericitized.

Silver-zinc-lead-copper-tin-arsenic mineralization 1100 m east of the Main Showing was located by prospecting of a soil geochemical anomaly 200 m by 60 m (East Showing). Grab samples of tetrahedrite-, galena-, sphalerite-, pyrite- and arsenopyrite-bearing disseminated mineralization in highly altered granodiorite crosscut by quartz veins assayed up to 811.52 g/t Ag, 6.2% Zn, 1.93% Pb, 1000 ppm Sn and more than 1000 ppm As.

The West Showing area consists of arsenopyrite-pyrite mineralization hosted by a large chalcedony-quartz breccia body. Rock geochemical analyses were up to 160 ppb Au, 24 ppm Ag, 1465 ppm Pb, 2000 ppm Zn, 5500 ppm Sn and more than 1000 ppm Ag.

*****

1984 MINERAL CLAIMS STAKED

LORD (IDAHO)
Butler Mtn. Minerals Inc.

105 B 1 (1)
(60°04'N, 130°23'W)

Claims 1984: KENT 1-14

STERLING
J. Charlie

105 B 1 (2)
(60°05'N, 130°24'W)

Claims 1984: DAVID 1

LUCK
Goldex Resources Inc.

105 B 1 (3)
(60°06'N, 130°26'W)

Claims 1984: LB 1-9

KUBIAK
Canamax Resources Inc.

105 B 1 (11)
(60°11'N, 130°17'W)

Claims 1984: HAT 1-30

HOT
Canamax Resources Inc.

105 B 1 (80)
(60°00'N, 130°07'W)

Claims 1984: HOT 81F-85F

MAC
Regional Resources Ltd.

105 B 1 (84)
(60°04'N, 130°21'W)

Claims 1984: PL 1-70

ZAM
G.A. Medford

105 B 1 (116)
(60°07'N, 130°13'W)

Claims 1984: ZAM 52F-53F, 54-65, 66F-67F

HEAD
Canamax Resources Inc.

105 B 1 (127)
(60°10'N, 130°22'W)

Claims 1984: HEAD 1-56

ZULU LADY
R. Stack

105 B 1 (128)
(60°05'N, 130°25'W)

Claims 1984: ZULU LADY 1-10

RAKE
W. Taylor

105 B 1 (129)
(60°08'N, 130°14'W)

Claims 1984: RAKE 1

CARLICK
H. Hibbing

105 B 2 (9)
(60°04'N, 130°50'W)

Claims 1984: AUREX V11-X

MAS
A. Sahacic

105 B 3 (130)
(60°08'N, 131°12'W)

Claims 1984: MAS 1-1VX

CEA
Noranda Exploration Co. Ltd.

105 B 3 (131)
(60°03'N, 131°05'W)

Claims 1984: CEA 1-72

MIDNIGHT (MID)
W. Hyde, T. McCrory, B. Preston

105 B 7 (18)
(60°20'N, 130°44'W)

Claims 1984: SH 1-196

SAB
B. Preston

105 B 7 (100)
(60°18'N, 130°45'W)

Claims 1984: LAR 1-8

LOGAN
Regional Resources Ltd.

105 B 7,8,9,10 (70)
(60°30'N, 130°28'W)

Claims 1984: LOGAN 37-94

MR
Regional Resources Ltd.

105 B 8, 1 (87)
(60°17'N, 130°18'W)

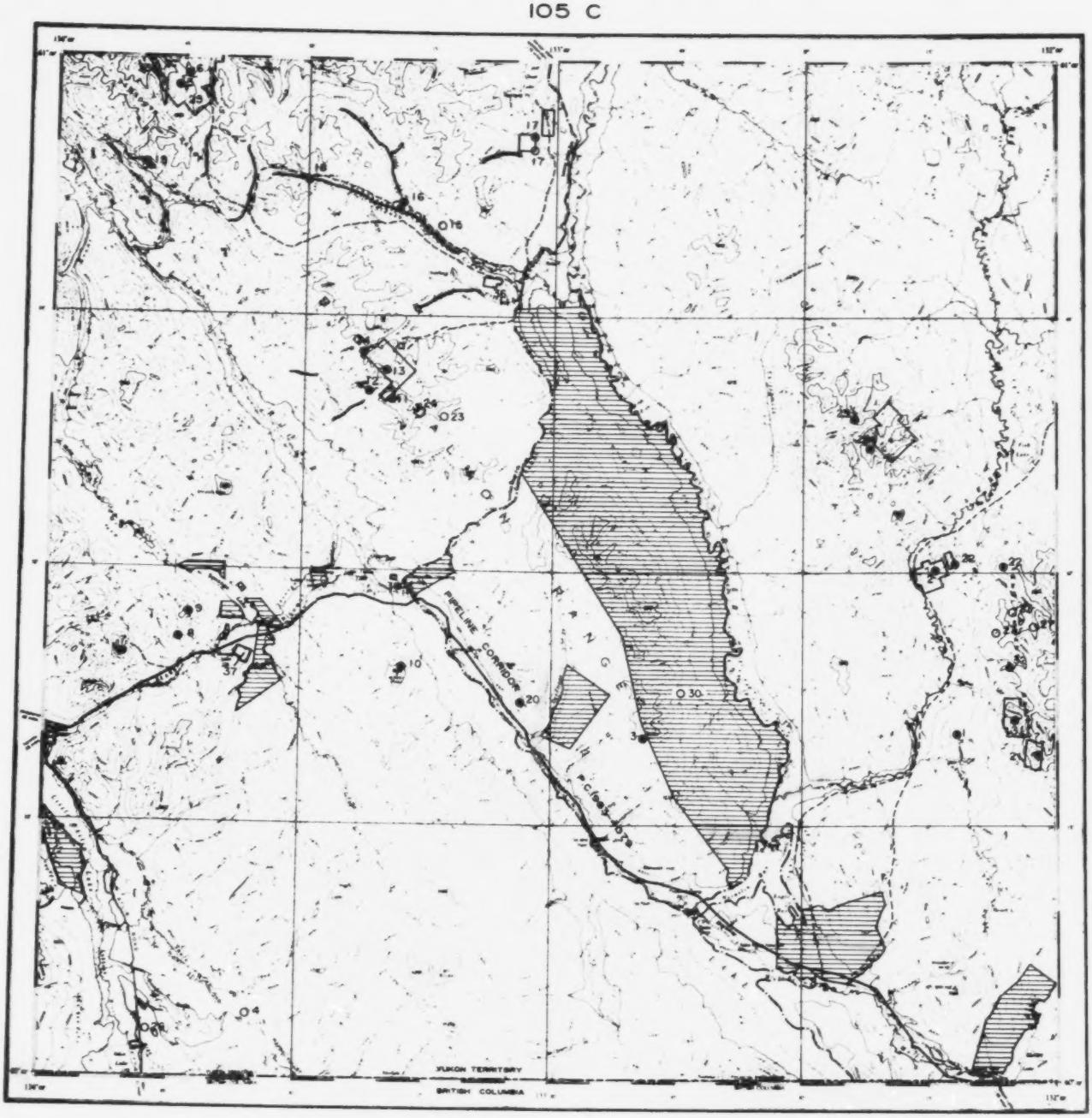
Claims 1984: MR 391-410

MATHEW
M. Hollaway

105 B 14 (132)
(60°46'N, 131°04'W)

Claims 1984: MATHEW 1-6

105 C



TESLIN
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurence see Key on facing page.

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984.

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985).

Placer Claims in good standing (Jan. 1985).

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail.

Driveable Road.

Oil or Gas Well.

Airstrip.

TESLIN MAP-AREA (NTS 105 C)

General Reference: GSC Map 1125A and Memoir 326 by: R. Mulligan, 1963.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	KITCHEN	Vein Ag Pb	105 C 8	7	
2	BAR (SMEG)	Stratiform Pb Zn Ag Ba	105 C 9,8	6	D.I.A.N.D. (1985, p. 153-154)
3	LINCOLN	Unclassified	105 C 7	9	Mulligan (1963, p. 78)
4	TARFU	Unclassified	105 C 4		
5	SLATE (SM)	Vein Ag Pb Zn	105 C 13	7	
6	RED MOUNTAIN	Porphyry Mo	105 C 13	2	D.I.A.N.D. (1983, p. 105-106)
7	RIBA	Asbestos	105 C 5	7	
8	SEAFORTH	Asbestos	105 C 5	7	
9	SQUANGA	Asbestos	105 C 5	7	
10	HAYES PEAK	Asbestos	105 C 6	7	Mulligan (1963, p. 78); D.I.A.N.D. (1982, p. 111)
11	GUNSIGHT	Asbestos	105 C 11	7	D.I.A.N.D. (1981, p. 162)
12	MOOSE HILL	Vein Pb	105 C 11	7	Lees (1936, p. 24); D.I.A.N.D. (1982, p. 111)
13	MARLIN	Vein Au Ag Pb	105 C 11	6	This Report
14	MT. GRANT	Vein Cu	105 C 11	7	This Report
15	DRY	Unclassified	105 C 14	9	
16	IRON CREEK	Occurrence Ag Au	105 C 14	7	
17	LINDSAY	Unclassified	105 C 14	9	This Report
18	SIDNEY	Unclassified	105 C 14,13	9	Mulligan (1963, p. 77)
19	ROSY	Unclassified	105 C 13	7	Bostock (1936, p. 6)
20	DEADMAN	Vein Ag Pb	105 C 6	7	
21	JACKALOO	Skarn Cu Fe	105 C 8	7	D.I.A.N.D. (1985, p. 154)
22	ABBA	Skarn Fe, Granite-associated U	105 C 9	7	D.I.A.N.D. (1983, p. 105-106,109)
23	FORSURE	Unclassified	105 C 11	9	D.I.A.N.D. (1981, p. 162)
24	CHRIS	Unclassified	105 C 11	9	D.I.A.N.D. (1981, p. 162); D.I.A.N.D. (1985, p. 155)
25	NW	Occurrence Mo Cu	105 C 13	7	D.I.A.N.D. (1983, p. 105,107)
26	LISA	Unclassified	105 C 14	9	D.I.A.N.D. (1981, p. 162)
27	MICH	Unclassified	105 C 8	9	D.I.A.N.D. (1981, p. 162)
28	ORK	Skarn Sn W Cu Ag	105 C 9	7	D.I.A.N.D. (1985, p. 154)
29	MINDY	Skarn W Sn	105 C 9	6	D.I.A.N.D. (1983, p. 105,107,109)
30	STARTIP	Unclassified	105 C 7	9	Morin et al (1979, p. 78-79)
31	DB	Skarn Sn W	105 C 9	5	This Report
32	BAS	Skarn Cu Fe	105 C 8	7	D.I.A.N.D. (1982, p. 111)
33	GRIZZLY	Unclassified	105 C 13	9	D.I.A.N.D. (1983, p. 105,108-109)
34	SAYEH	Unclassified	105 C 6	9	D.I.A.N.D. (1983, p. 105,108)
35	CAT	Unclassified	105 C 11	9	D.I.A.N.D. (1985, p. 155); This Report
36	ED	Unclassified	105 C 14	9	D.I.A.N.D. (1985, p. 155)
37	JUBE	Unclassified	105 C 5	9	This Report
38	DON	Unclassified	105 C 6	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

DB
J.C. Stephen Explorations Ltd.

Tin, Tungsten
Skarn
105 C 8 (31)
(60° 22'N, 132° 05'W)

Reference: D.I.A.N.D. (1985, p. 153,154).

Claims: FF 1-46

Source: Summary by D.A. Downing from assessment report 091547 by J.C. Stephen.

Current Work and Results:

In 1984, 281.6 m of BQ diamond drilling in two holes was completed to test the down dip extension of a previously located and sampled skarn zone. The drill holes were targeted utilizing magnetic anomalies determined by surveys in both 1983 and 1984. The 11.7 m thick main skarn horizon persisted at depth with several widely separated sections of magnetite containing rare chalcopyrite and abundant pyrite. The magnetite-rich intersections averaged 0.05% Sn, 1.2 g/t Ag and less than 1.0 g/t Au. The drilling intersected other skarn horizons at higher stratigraphic levels, one of which assayed 0.36% Sn over 1.1 m.

The magnetic survey coverage was also extended.

*****

MARLIN
Anooraq Resources Corporation Ltd.

Silver, Lead
Manganese
105 C 11 (13)
(60° 42'N, 133° 20'W)

Reference: D.I.A.N.D. (1985 p. 154).

Claims: EVE 1-66

Source: Summary by D.A. Downing from assessment report 091573 by G.C. Macdonald.

History:

Manganese and copper mineralization was first staked 1955-56. Mt. Grant Mines Ltd. percussion drilled 884.2 m and constructed an 8.5 km road from the South Canol Highway into the property in 1967-68.

Current Work and Results:

Two trenches approximately 30 m apart expose manganese/silver/lead mineralization. The vein fault is in Mississippian(?) gneissic biotite quartz schist and consists of galena and pyrite in a ribbon quartz matrix. The country rock is typically fresh with narrow 1-10 cm alteration envelopes adjacent to the veining. Grab samples assayed:

Au(g/t)	Ag(g/t)	Pb(%)
0.1	4.1	0.25
0.2	290.0	25.40
0.3	7.5	

*****

MT.GRANT
Anooraq Resources Corporation

Copper, Silver
105 C 11 (14)
(60° 42'N, 133° 20'W)

Reference: D.I.A.N.D. (1985 p. 155).

Claims: EVE 78-80

Source: Summary by D.A. Downing from assessment report 091573 by G.C.Macdonald.

Current Work and Results:

Trenching of a 30 cm thick stratabound quartz/carbonate lens in Mississippian(?) quartz biotite schist and gneiss exposed a 10 m strike length. Chalcopyrite and bornite are the major sulphide minerals found, chalcopyrite veinlets occurring in the footwall of the lens. The zone dips moderately to the southeast and is obscured by overburden along strike.

Grab samples assayed:

Au(g/t)	Ag(g/t)	Cu(%)
1.3	124.8	11.75
0.6	273.2	18.00
0.6	81.6	6.85

*****

LINDSAY
M. Lindsay
Yukon Oil and Gas Development Ltd.

Unclassified
105 C 14 (17)
(60°56'W,133°03'W)

Reference: Craig and Laporte (1972, p. 124).

Claims: ML 1-2; CL 1-2; LINDSAY 1-30

Source: Summary by D.A. Downing from assessment report 091574 by G.C. Macdonald.

Current Work and Results:

In August 1983, property geology was re-examined, old trenches cleaned out, drill core on the claims re-examined and in some cases re-split. Table 1 provides a summary of the results.

Table 1

Location	Interval m	Au ppb	Au g/t	Ag ppm	Hg ppb	As ppm
Hole #3	60.70	44	tr	1.3	-	-
Hole #3	82.35-83.01	160	tr	4.9	-	-
Hole #3	80.38-81.04	135	tr	2.0	-	-
Hole #1	44.29-48.56	1100	1.03	9.3	-	-
Hole #1	45.93-45.96	3000	8.57	26.0	-	-
Hole #2	67.59-68.24	145	tr	3.4	-	-
Trench @ 16+00N-5+00E		-	-	-	1000	4

*****

1984 MINERAL CLAIMS STAKED

JUBE
G. McLeod

105 C 5 (37)
(60°25'N, 133°36'W)

Claims 1984: JUBE 1-10

DON
D. Henry

105 C 6 (38)
(60°29'N, 133°19'W)

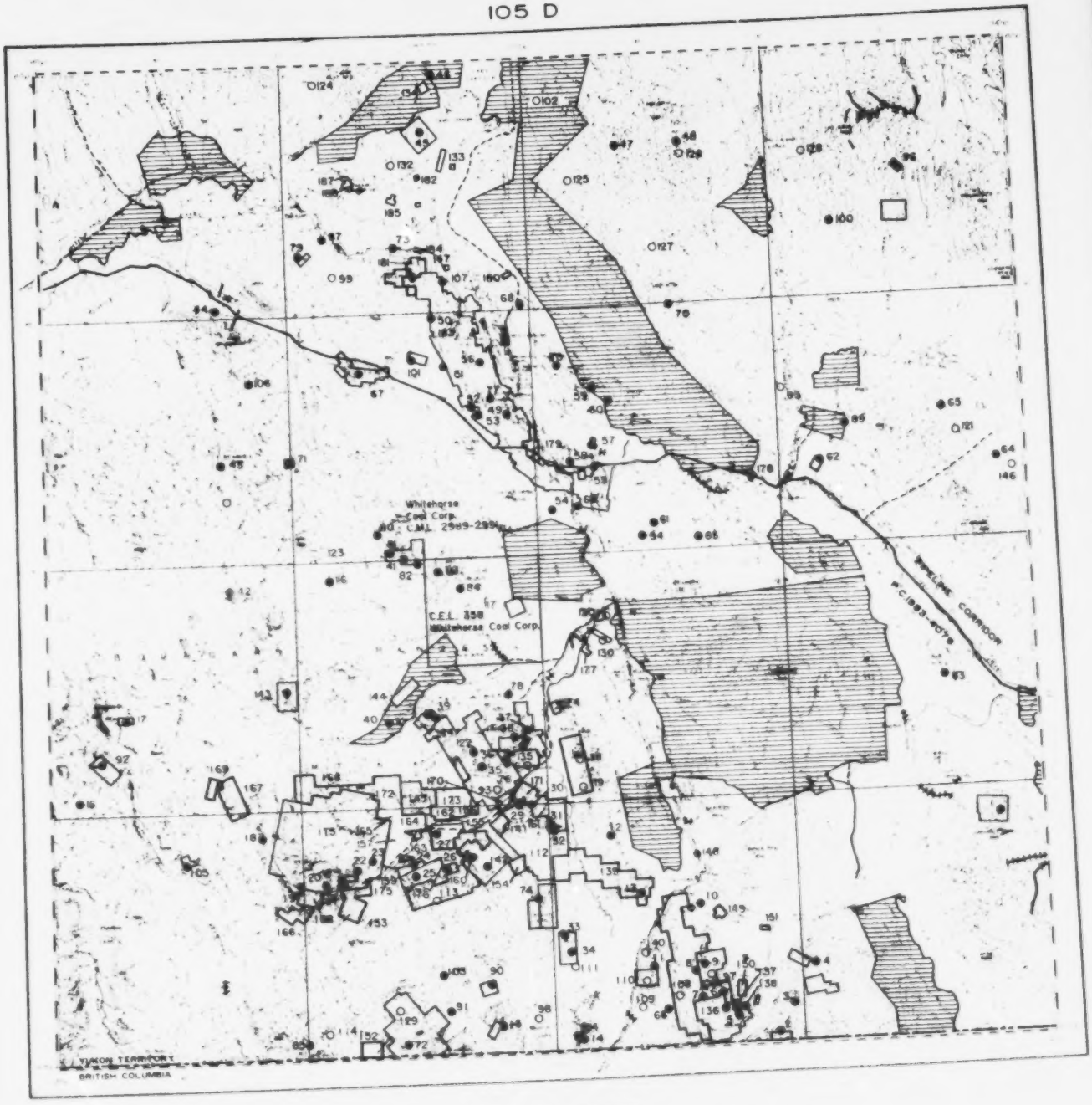
Claims 1984: DON 1

CAT
Anooraq Resources Corp.

105 C 11 (35)
(60°40'N, 133°20'W)

Claims 1984: EVE 81-84

105 D



WHITEHORSE

YUKON TERRITORY

5 0 5 10 15 20 25 30

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurence see Key on facing page.

Unmineralized Target.

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984.

Mineral Claims staked in 1984.

Placer Leases in good standing (Jan. 1985).

Placer Claims in good standing (Jan. 1985).

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail.

Drivable Road.

Oil or Gas Well.

Airstrip.

WHITEHORSE MAP-AREA (NTS 105 D)

General Reference: GSC Map 1093A and Memoir 312 by: J.O. Wheeler, 1961.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	JUBILEE	Vein Au	105 D 1	5	D.I.A.N.D. (1985, p. 159-160)
2	LULU	Vein Au Ag	105 D 2	7	Findlay (1969b, p. 39); This Report
3	MILLET	Occurrence Cu	105 D 2	7	
4	LIME	Porphyry Mo	105 D 1	6	D.I.A.N.D. (1981, p. 165)
5	VENUS	Vein Au Ag Pb Zn	105 D 2	3	D.I.A.N.D. (1982, p. 7,18,113, 116)
6	MONTANA	Vein Au Ag	105 D 2	4	Findlay (1969a, p. 60-61)
7	THISTLE	Vein Au Ag Pb Zn Cu	105 D 2	7	This Report
8	JEAN	Vein Au Ag	105 D 2	6	Green & Godwin (1964, p. 39-40); Findlay (1969a, p. 61); This Report
9	BIG THING (ARCTIC)	Vein Au Ag	105 D 2	3	D.I.A.N.D. (1981, p. 167)
10	CARCROSS	Vein Cu Mo	105 D 2	6	Findlay (1969a, p. 62); D.I.A.N.D. (1982, p. 117); This Report
11	KNOB HILL	Unclassified	105 D 2	7	Bostock (1941, p. 143)
12	WABONA	Vein Zn	105 D 2	7	
13	COLLEGE GREEN	Vein Cu	105 D 2	7	This Report
14	FINGER	Occurrence Cu	105 D 2	7	
15	LATREILLE	Porphyry Cu Mo	105 D 3	7	D.I.A.N.D. (1981, p. 165)
16	PRIMROSE	Skarn Zn	105 D 5	7	D.I.A.N.D. (1982, p. 117)
17	ROSE	Vein Au Ag	105 D 5	7	D.I.A.N.D. (1983, p. 111-112,118)
18	BOSTOCK	Vein Sb	105 D 4	7	Bostock (1941, p. 38)
19	CHARLESTON	Vein Au Ag	105 D 4,3	5	D.I.A.N.D. (1982, p. 114); D.I.A.N.D. (1985, p. 165)
20	BERNEY	Unclassified	105 D 3	7	D.I.A.N.D. (1981, p. 166,168); This Report
21	MT. REID	Vein Au Ag Sb	105 D 3	6	D.I.A.N.D. (1982, p. 114)
22	SKUKUM	Vein Au Ag Sb, Breccia Cu Ag	105 D 3	2	D.I.A.N.D. (1985, p. 162-164)
23	MORNING	Vein Sb Zn	105 D 3	7	Bostock (1941, p. 36-37); D.I.A.N.D. (1982, p. 117)
24	GODDELL	Vein Sb Ag	105 D 3	6	Morin et al (1977, p. 150)
25	PORTER	Vein Sb Pb Zn Ag	105 D 3	7	This Report
26	BECKER-COCHRAN	Vein Sb Au Ag	105 D 3	5	This Report
27	FLEMING	Skarn Cu Fe	105 D 3	6	Morin et al (1977, p. 150)
28	MT. ANDERSON	Vein Au Ag	105 D 3	3	D.I.A.N.D. (1981, p. 166);
29	TALLY-HO	Vein Au Ag Pb	105 D 3,6	4	D.I.A.N.D. (1982, p. 117)
30	MT. WHEATON	Vein Au Ag	105 D 3,6	7	D.I.A.N.D. (1985, p. 160,165) Wheeler (1961, p. 122-123); D.I.A.N.D. (1985, p. 165); This Report
31	BUFFALO	Vein Au Ag	105 D 3	7	D.I.A.N.D. (1982, p. 117); D.I.A.N.D. (1985, p. 165) This Report
32	MT. STEVENS	Vein Au Ag	105 D 2	7	D.I.A.N.D. (1982, p. 117);
33	CROMWELL	Vein Ag Pb Cu	105 D 2	7	D.I.A.N.D. (1985, p. 165) D.I.A.N.D. (1982, p. 117)
34	MILLHAVEN	Vein Ag Pb Zn	105 D 2	7	Cairnes (1916, p. 43)
35	GOLD HILL	Vein Au Ag	105 D 6	6	Cairnes (1912, p. 111-112); Wheeler
36	GOLD REEF	Vein Au Ag	105 D 6	4	(1961, p. 123); D.I.A.N.D. (1985, p. 165)
37	UNION MINES	Vein Ag Pb Zn	105 D 6	5	Wheeler (1961, p. 135-136); D.I.A.N.D. (1985, p. 165)
38	MT. BUSH	Coal	105 D 6	5	Cairnes (1916, p. 145-147)

39	LEGAL TENDER	Vein Ag Pb Zn	105 D 6	6	Cairnes (1912, p. 112-113)
40	ALLIGATOR	Porphyry Cu Mo	105 D 6	7	Craig & Milner (1972, p. 44)
41	WHITEHORSE COAL	Coal	105 D 6,11	6	This Report
42	MUD	Unclassified	105 D 5	9	Findlay (1969a, p. 54-55)
43	ARKELL	Porphyry Mo	105 D 12	7	Craig & Milner (1975, p. 43)
44	INGRAM	Vein Ag Pb Zn	105 D 13	7	Wheeler (1961, p. 136-137)
45	CUTOFF	Vein Ag Au	105 D 14	7	D.I.A.N.D. (1982, p. 118); D.I.A.N.D. (1985, p. 165)
46	EFFIE	Asbestos	105 D 14	7	
47	POW	Skarn Cu W	105 D 15	7	D.I.A.N.D. (1981, p. 166)
48	ACE	Vein Ag Au Pb Zn Cu	105 D 15	7	D.I.A.N.D. (1982, p. 118)
49	WHITEHORSE COPPER	Skarn Cu Au Ag	105 D 11	3	D.I.A.N.D. (1983, p. 111-113)
50	TREMAR	Unclassified	105 D 11	9	Craig & Laporte (1972, p. 113)
51	WING	Unclassified	105 D 11	9	
52	QUINALTA	Skarn Cu	105 D 11	7	
53	POLAR	Unclassified	105 D 11	7	Kindle (1964, p. 35-36)
54	VAL	Occurrence Cu Mo	105 D 10	7	
55	DUGDALE	Unclassified	105 D 10	9	Findlay (1969a, p. 54); This Report
56	TOPAZIOS	Unclassified	105 D 11	9	Findlay (1969b, p. 34)
57	LEWES RIVER	Unclassified	105 D 10	9	Findlay (1969b, p. 34-35)
58	WALCOTT	Unclassified	105 D 10	9	
59	GOLCONDA	Unclassified	105 D 10	7	
60	GROMK	Unclassified	105 D 10	7	
61	NIP	Unclassified	105 D 10	7	
62	M'CLINTOCK	Occurrence Cu	105 D 9	7	Wheeler (1961, p. 143); Craig & Milner (1975, p. 45)
63	MARSH	Mafic/ultramafic associated Ni Co Cu	105 D 8	7	D.I.A.N.D. (1983, p. 111,114); D.I.A.N.D. (1985, p. 165); This Report
64	LAVALEE	Asbestos	105 D 9	7	
65	MICHIE	Mafic/ultramafic associated Cr, Asbestos	105 D 9	7	
66	RAILROAD	Vein Ag	105 D 2	7	
67	GROUSE	Skarn Au Ag	105 D 11	5	This Report
68	IMP	Occurrence Cu	105 D 14	7	
69	BUCHANAN	Unclassified	105 D 10	9	D.I.A.N.D. (1981, p. 168)
70	WHEELER	Unclassified	105 D 10,15	9	
71	HARNIAK	Vein Cu Ag Au	105 D 11	7	This Report
72	SHAW	Vein Cu Pb Zn Ag Au	105 D 3	5	D.I.A.N.D. (1982, p. 116,117)
73	ALLISON	Unclassified	105 D 14	9	
74	OPULENCE	Vein Sb	105 D 3	7	D.I.A.N.D. (1985, p. 165); This Report
75	BOBO	Unclassified	105 D 10	9	
76	DONKEY	Vein Ag Pb Zn Au Cu	105 D 6	7	D.I.A.N.D. (1982, p. 117)
77	DAWN	Unclassified	105 D 11	9	
78	INCO	Porphyry Cu Mo	105 D 6	7	
79	SUITS (KING LAKE)	Porphyry Cu Mo	105 D 14	5	Sinclair et al (1975, p. 144-145)
80	FISH LAKE	Coal	105 D 11	7	
81	LUSCAR	Coal	105 D 11	2	
82	PTARMIGAN	Coal	105 D 6	2	Cairnes (1908, p. 20-21)
83	COAL RIDGE	Coal	105 D 6	2	
84	BERESFORD	Coal	105 D 6	2	Cairnes (1908, p. 20-21)
85	BOUDETTE	Coal	105 D 3,4	7	Wheeler (1961, p. 143)
86	COMBS	Vein Au	105 D 10	7	
87	MIDGETT	Vein Cu	105 D 14	7	
88	GEE	Volcanic red bed Cu	105 D 14	7	D.I.A.N.D. (1981, p. 168)
89	TONY	Vein Pb Ag Zn	105 D 3,4	7	D.I.A.N.D. (1982, p. 118)
90	WEST	Unclassified	105 D 3	9	D.I.A.N.D. (1981, p. 166)
91	PART	Occurrence Ag Au Pb	105 D 3	7	D.I.A.N.D. (1981, p. 167)
92	PROSE (DEB)	Skarn Pb Zn Ag	105 D 5	6	D.I.A.N.D. (1983, p. 111,114)
93	POMPEI	Unclassified	105 D 6	9	D.I.A.N.D. (1981, p. 168)
94	LORNE	Unclassified	105 D 10	9	D.I.A.N.D. (1981, p. 168)
95	JAVA	Unclassified	105 D 9	9	D.I.A.N.D. (1981, p. 168); D.I.A.N.D. (1985, p. 165)
96	GAMMON	Unclassified	105 D 16	9	D.I.A.N.D. (1983, p. 111,114)
97	ART	Vein Au Ag	105 D 3	7	D.I.A.N.D. (1981, p. 167)
98	MUNROE	Unclassified	105 D 3	9	D.I.A.N.D. (1981, p. 167)

99	UNTILL	Unclassified
100	ABI	Vein Ag Pb Zn
101	TOP	Unclassified
102	LABE	Unclassified
103	CRO	Unclassified
104	BEN	Unclassified
105	RAM	Skarn Zn Pb Ag
106	RAMING	Unclassified
107	OJ	Unclassified
108	ATHES	Unclassified
109	DUNK	Unclassified
110	UNDAL	Unclassified
111	TROLL	Unclassified
112	ODD	Vein Cu Ag
113	BACHUS	Unclassified
114	NAIAD	Vein Pb Ag
115	MT SKUKUM	Vein Au
116	DAYIR	Skarn Cu Fe
117	EVIEW	Vein Pb Zn Ag
118	TIKA	Unclassified
119	ILLIA	Unclassified
120	AMN	Unclassified
121	ICHIE	Unclassified
122	ALBATROS	Unclassified
123	BEXI	Unclassified
124	FLAT	Unclassified
125	ERGE	Unclassified
126	UNCER	Unclassified
127	SLEWE	Unclassified
128	UTSHIG	Unclassified
129	GLENLIVET	Unclassified
130	RAVEN	Unclassified
131	MINK	Unclassified
132	LAKE	Unclassified
133	POOLY	Unclassified
134	A+B,C+D	Unclassified
135	OLLIE	Unclassified
136	JOE PETTY	Vein Au Ag
137	URANUS	Vein Au Ag
138	M & M	Vein Au Ag
139	GRAY	Unclassified
140	WATSON	Unclassified
141	MED	Unclassified
142	TYCON	Unclassified
143	LATER	Skarn Au Ag As
144	CR	Unclassified
145	BEAR	Unclassified
146	CUP	Unclassified
147	BEE	Vein Pb Zn Ag Au
148	MYHN	Unclassified
149	RAD	Unclassified
150	CON	Unclassified
151	BO	Unclassified
152	MATT	Unclassified
153	SCAR	Unclassified
154	MO	Unclassified

105 D 14	9	Sinclair et al (1976, p. 104)
105 D 16	7	Sinclair et al (1976, p. 108)
105 D 11	9	Morin et al (1979, p. 61)
105 D 15	9	D.I.A.N.D. (1982, p. 118)
105 D 3	9	Morin et al (1980, p. 33)
105 D 2	9	Morin et al (1980, p. 33)
105 D 4	5	D.I.A.N.D. (1983, p. 111,114-115)
105 D 12	9	Morin et al (1980, p. 36)
105 D 14	9	Morin et al (1980, p. 36)
105 D 2	9	D.I.A.N.D. (1982, p. 116); This Report
105 D 2	9	D.I.A.N.D. (1983, p. 112,115)
105 D 2	9	D.I.A.N.D. (1982, p. 117)
105 D 2	9	D.I.A.N.D. (1982, p. 117)
105 D 3	7	D.I.A.N.D. (1983, p. 112,115-116); D.I.A.N.D. (1985, p. 165)
105 D 3	9	D.I.A.N.D. (1982, p. 117); This Report
105 D 3	9	D.I.A.N.D. (1983, p. 112,116)
105 D 3	2	This Report
105 D 6	9	D.I.A.N.D. (1983, p. 112,116)
105 D 6	9	D.I.A.N.D. (1983, p. 112,117)
105 D 7	9	D.I.A.N.D. (1982, p. 117); This Report
105 D 7	9	D.I.A.N.D. (1982, p. 117); This Report
105 D 7	9	D.I.A.N.D. (1982, p. 117); This Report
105 D 9	9	D.I.A.N.D. (1982, p. 118)
105 D 6	9	D.I.A.N.D. (1982, p. 117)
105 D 11	9	D.I.A.N.D. (1982, p. 118)
105 D 14	9	D.I.A.N.D. (1982, p. 118)
105 D 15	9	D.I.A.N.D. (1982, p. 118)
105 D 15	9	D.I.A.N.D. (1982, p. 118)
105 D 15	9	D.I.A.N.D. (1982, p. 118)
105 D 16	9	D.I.A.N.D. (1983, p. 112,117)
105 D 3	9	D.I.A.N.D. (1985, p. 161)
105 D 7	9	D.I.A.N.D. (1983, p. 112,118)
105 D 12	9	D.I.A.N.D. (1983, p. 112,118)
105 D 14	9	D.I.A.N.D. (1983, p. 112,118)
105 D 14	9	D.I.A.N.D. (1983, p. 112,118)
105 D 14	9	D.I.A.N.D. (1983, p. 112,118)
105 D 6	9	D.I.A.N.D. (1983, p. 112,118); This Report
105 D 2	4	Bostock (1957, p. 151-156,211-213,252-256,606-609)
105 D 2	4	Bostock (1957, p. 151-156,211-213,252-256,606-609)
105 D 2	4	Bostock (1957, p. 151-156,211-213,252-256,606-609)
105 D 2	9	D.I.A.N.D. (1985, p. 165)
105 D	9	D.I.A.N.D. (1985, p. 165)
105 D 3	9	D.I.A.N.D. (1985, p. 165); This Report
105 D 3	9	This Report
105 D 5	7	D.I.A.N.D. (1985, p. 162,165)
105 D 6	9	D.I.A.N.D. (1985, p. 165); This Report
105 D 6	9	D.I.A.N.D. (1985, p. 165)
105 D 9	9	D.I.A.N.D. (1985, p. 165)
105 D 14	7	D.I.A.N.D. (1985, p. 162); This Report
105 D 2	9	This Report
105 D 2	9	This Report
105 D 2	9	This Report
105 D 2	9	This Report
105 D 3	9	This Report
105 D 3	9	This Report
105 D 3	9	This Report

155	ROB	Unclassified	105 D 3	9	This Report
156	CHARLIE	Unclassified	105 D 3	9	This Report
157	BUTTE	Unclassified	105 D 3	9	This Report
158	HO	Unclassified	105 D 3	9	This Report
159	TECH	Unclassified	105 D 3	9	This Report
160	MAT	Unclassified	105 D 3	9	This Report
161	ERA	Unclassified	105 D 3,6,2	9	This Report
162	HEAVY METAL	Unclassified	105 D 3	9	This Report
163	JMT	Unclassified	105 D 3	9	This Report
164	CUB	Unclassified	105 D 3	9	This Report
165	SHEEP	Unclassified	105 D 3	9	This Report
166	JJ	Unclassified	105 D 4	9	This Report
167	FACE	Unclassified	105 D 5	9	This Report
168	BOTMAT	Uncalssified	105 D 5,6	9	This Report
169	CA	Unclassified	105 D 5	9	This Report
170	MR	Unclassified	105 D 3,6	9	This Report
171	FANIN	Unclassified	105 D 3,6	9	This Report
172	STONE	Unclassified	105 D 3,6	9	This Report
173	WAL	Unclassified	105 D 3,6	9	This Report
174	SURPRISE	Unclassified	105 D 7	9	This REport
175	TREE	Unclassified	105 D 3	9	This Report
176	TEC	Unclassified	105 D 3	9	This Report
177	A	Unclassified	105 D 7	9	This Report
178	ROSSBANK	Unclassified	105 D 10	9	This Report
179	ATA	Unclassified	105 D 10,11	9	This Report
180	CAMEO	Unclassified	105 D 14	9	This Report
181	GUAJALOTE	Unclassified	105 D 14	9	This Report
182	DRILL	Unclassified	105 D 14	9	This Report
183	WOE	Unclassified	105 D 11	9	This Report
184	MURIEL	Unclassified	105 D 14	9	This Report
185	DUST	Unclassified	105 D 14	9	This Report
186	WATER	Unclassified	105 D 14	9	This Report
187	GILL	Unclassified	105 D 14	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

MOUNT STEVENS — Gold, Silver

Canadian Nickel Company Limited. — 105 D 2,3 (32)

(60°12'N,134°58'W)

Reference: D.I.A.N.D. (1982 p. 113,115)

Claims: TON 1-16

Source: Summary by D.A. Downing from assessment report 091548 by W. Manson.

Current Work and Results:

A 300 x 400 m flagged grid was used for 1:2,000 scale geological mapping, the collection of 30 rock samples and 36 soil samples. The rock and soil samples were geochemically analyzed for 30 elements, including gold and silver. Several anomalies were located over rhyolite dykes.

*****

MT SKUKUM
Agip Canada Limited

Gold Veins
105 D 3 (22,115)
(60°12'N,135°25'W)

Reference: D.I.A.N.D. (1984, p. 162-164).

Claims: KUKU 1-331; CHIEF 1-106; EARL 1-32; SAID 1-16; THE 1-48; WOOF 1-40; PUP 1-85

Source: Summary by D.A. Downing from assessment reports 091540 by R.A. Doherty and 091584 by R. Robertson.

Current Work and Results:

Detailed definition of ore reserves was accomplished via 4538 m of diamond drilling in 40 holes at 25 m spacings with an additional 1800 m of drilling testing the main zone at 50 m or greater spacings. The access road to the property was rerouted and upgraded to two-wheel drive quality.

*****

PORTER
B. Wilson

Antimony, Lead
Zinc, Silver
105 D 3 (25)
(60°11'N,135°17'W)

Reference: Bostock (1941 p.36-37).

Claims: GOR

Source: Summary by D.A. Downing from assessment report 091575 by B. Wilson.

Current Work and Results:

Veins exposed both underground and on surface were resampled in 1984 with the results listed below.

Location	Width (cm)	Gold (g/t)	Silver (g/t)	Antimony (%)
Main Crosscut	5	0.4	108.4	38.0
Main Crosscut	15	3.7	1680.0	8.0
Main Crosscut	7	0.7	87.8	33.2
Main Crosscut	15	1.9	1509.9	5.3
Main Crosscut	15	3.8	1415.3	6.9
Main Surface Vein	35	3.8	2720.8	9.1
Main Surface Vein	25	6.9	2785.3	7.4
Main Surface Vein	35	2.4	1393.3	6.4
Main Surface Vein	25	1.4	325.7	3.9
Secondary Surface Vein	15	0.7	2994.4	0.5

*****

TYCON
A.W. Hyde

Gold, Silver
105 D 3 (142)
(60°12'N,135°08'W)

Reference: D.I.A.N.D. (1985 p. 165).

Claims: TYCON 1-52

Source: Summary by D.A. Downing from assessment reports 091557 & 091579 by R.S. Rogers.

Current Work and Results:

Three trenches up to 2.34 m in depth were excavated in 1982 and 1983 to investigate limonitic quartz vein float. The trenches cover a 150 m strike length of a coincident VLF-EM/EM-16 conductor. The trenches failed to reach bedrock but did expose pyrite-, galena- and chalcopyrite-bearing vein material believed to be close to in situ. Two sets of sheared, foliated, chalcedonic quartz veins occur in locally argillically altered biotite, hornblende granodiorite. Dykes and sills of Tertiary(?) trachyte and basalt cut the granodiorite and are also sheared. The best values from grab samples were 111.6 g/t Au and 9.6 g/t Ag. One hundred an nine soil samples were collected over the geophysical conductors and analyzed for eight elements. Anomalous metallic values (+45 ppm Cu, +113 ppm Zn, +57 ppm Pb, +1.8 ppm Ag, +125 ppb Au), in soil were restricted to the northern, as of yet untrenched, EM conductor.

*****

WHITEHORSE COAL
Whitehorse Coal Corporation

Coal
105 D 6,11
(41,81,82,83,84)
(60°27'N,135°10'W)

Reference: Craig and Laporte (1972, p. 158,159)

Claims: Coal Leases 2989 to 2991 and Coal Licence 301

Source: Summary by D.A. Downing from assessment report 062148 by J.H. Perry.

Current Work and Results:

During mid-July to mid-August 1983, access road construction, six surface trenches and reconnaissance prospecting and mapping were completed.

*****

GROUSE
E.Kreft
S.J. Takacs

Copper,Gold,
Silver Skarn
105 D 11 (67)
(60°41'N,135°22'W)

Reference: D.I.A.N.D. (1985, p. 161).

Claims: GROUSE 1-16, ROY 1-8, LUNAR 1-8, GEAR 1-6, APEX 17-18, WOLF 1-6

Source: Summary by D.A. Downing and D.S. Emond from assessment reports 091537 by E. Kreft and 091594 by S.J. Takacs.

Current Work and Results:

Five trenches were blasted into a calc-silicate-magnetite skarn horizon located by magnetometer survey. The magnetic survey indicated a strike length for the unit of +150 m.

In 1984, three diamond drill holes were drilled totalling 35.05 m on the WOLF 1, 2 and 6 claims. Bedrock intersected in two holes was decomposed cherty quartzite and minor metadiorite.

*****

1984 MINERAL CLAIMS STAKED

LULU
United Keno Hill Mines Ltd.
105 D 2 (2)
(60°00'N, 134°32'W)

Claims 1984: STRIPE 1-10

THISTLE
Shakwak Exploration Co. Ltd.
105 D 2 (7)
(60°02'N, 134°43'W)

Claims 1984: NYAC 1-87

JEAN
Anooraq Resources Corp.
105 D 2 (8)
(60°04'N, 134°43'W)

Claims 1984: MON 1-16, TB 1-6

CARCROSS
T. Sienkwicz
105 D 2 (10)
(60°08'N, 134°43'W)

Claims 1984: SKOL, AB 1-2

COLLEGE GREEN/ ATHES
E. Bergvinson
Island Mining & Exploration
105 D 2 (13,108)
(60°08'N, 134°44'W)

Claims 1984: AFI 1-296

MT. STEVENS
Island Mining & Exploration
105 D 2 (32)
(60°12'N, 134°59'W)

Claims 1984: JL 25-80

MYHN
C. Buchanan
105 D 2 (148)
(60°11'N, 134°42'W)

Claims 1984: MYHN 1

RAD
J. Moreau
105 D 2 (149)
(60°08'N, 134°40'W)

Claims 1984: RAD 1-7

CON
J. Moreau
105 D 2 (150)
(60°03'N, 134°37'W)

Claims 1984: CON 1-8

BO
McCrory Holdings (Yukon) Ltd.

Claims 1984: BO 1-2

105 D 2 (151)
(60°07'N, 134°34'W)

BERNEY
Skukum Resources Ltd.

Claims 1984: ERN 1-33

105 D 3 (20)
(60°11'N, 135°24'W)

PORTER
J. Trace et al
V. Guinet

Claims 1984: POP 71-104

105 D 3 (25)
(60°12'N, 135°19'W)

OPULENCE
Tally Ho Exploration Ltd.

Claims 1984: MIN. 1-54

105 D 3 (74)
(60°09'N, 135°01'W)

BACHUS
McCrory Holdings (Yukon) Ltd.

Claims 1984: MOM 1-89

105 D 3 (113)
(60°10'N, 135°14'W)

MED
G. Maclean et al

Claims 1984: BARR 1-16

105 D 3 (141)
(60°14'N, 135°06'W)

MATT
Central Electricity Generating Board
(Canada) Ltd.

Claims 1984: MATT 1-20

105 D 3 (152)
(60°01'N, 135°22'W)

SCAR
M.P. Webster

Claims 1984: SCAR 1-34

105 D 3 (153)
(60°09'N, 135°24'W)

MO
V. Guinet

Claims 1984: MO 1-12

105 D 3 (154)
(60°11'N, 135°10'W)

ROB
S. Fleurent et al

105 D 3 (155)
(60°13'N, 135°10'W)

Claims 1984: ROB 1-38

CHARLIE
S. Fleurant

105 D 3 (156)
(60°15'N, 135°11'W)

Claims 1984: CHARLIE 1-16

BUTTE
Mt. Skukum Gold Mining Corp.

105 D 3 (157)
(60°13'N, 135°18'W)

Claims 1984: BUTTE 1-34

HO
M. Barker
Shakwak Exploration Co. Ltd.

105 D 3 (158)
(60°10'N, 135°29'W)

Claims 1984: HO 1-20

TECH
T. Mrozinski et al

105 D 3 (159)
(60°12'N, 135°13'W)

Claims 1984: TECH 1-18, HAT 1-5

MAT
Noranda Exploration Co. Ltd.

105 D 3 (160)
(60°12'N, 135°10'W)

Claims 1984: MAT 1-9

HEAVY METAL
T. Mrozinski

105 D 3 (162)
(60°14'N, 135°13'W)

Claims 1984: HEAVY METAL 1-4

JMT
Y. Gervais et al

105 D 3 (163)
(60°12'N, 135°15'W)

Claims 1984: JMT 1-29

CUB
Shakwak Exploration Co. Ltd.

105 D 3 (164)
(60°14'N, 135°17'W)

Claims 1984: CUB 1-24

SHEEP
K. McCrory

105 D 3 (165)
(60°14'N, 135°19'W)

Claims 1984: SHEEP 1-12

TREE
Berglynn Resources Inc.

105 D 3 (175)
(60°11'N, 135°22'W)

Claims 1984: TREE FRS 1-5

TEC
S. Ridgeway

105 D 3 (176)
(60°12'N, 135°12'W)

Claims 1984: TECH FRS 19-21

MT. WHEATON
Tally Ho Exploration Co. Ltd.

105 D 3,6 (30)
(60°16'N, 135°02'W)

Claims 1984: WHEATON 1-8

MR
G.G.A. Reynolds

105 D 3,6 (170)
(60°15'N, 135°05'W)

Claims 1984: MR 1-16

FANIN
B. Preston

105 D 3,6 (171)
(60°16'N, 135°03'W)

Claims 1984: FANIN 1-24

STONE
M. Woods et al

105 D 3,6 (172)
(60°16'N, 135°20'W)

Claims 1984: STONE 1-70

ERA
P. McLean et al

105 D 3,6,2 (161)
(60°15'N, 135°01'W)

Claims 1984: ERA 1-20

JJ
C. Ashley

105 D 4 (166)
(60°09'N, 135°31'W)

Claims 1984: JJ 1-20

FACE
Noranda Exploration Co. Ltd.

Claims 1984: FACE 1-48

105 D 5 (167)
(60°16'N, 135°08'W)

CA
S. Mckeown

Claims 1984: CA 1-10

105 D 5 (169)
(60°16'N, 135°41'W)

BOTWAT
Rockridge Mining Corp.

Claims 1984: BOTWAT 1-64

105 D 5,6 (168)
(60°16'N, 135°25'W)

OLLIE
L. Bratvold et al

Claims 1984: NEW 1-30

105 D 6 (135)
(60°18'N, 135°02'W)

CR
Tally Ho Exploration Co. Ltd.

Claims 1984: NEIL 1-12, CR Fractions

105 D 6 (144)
(60°17'N, 135°10'W)

WAL
M. Woods et al

Claims 1984: WAL 1-65

105 D 6,3 (173)
(60°16'N, 135°11'W)

TIKA/ ILLIA
Noranda Exploration Co. Ltd.

Claims 1984: RYE 1-70

105 D 7 (118, 119)
(60°17'N, 134°56'W)

AMN
G. Bownes

Claims 1984: OSCARS BALL, COW, TOM

105 D 7 (120)
(60°26'N, 134°53'W)

SURPRISE
R. Davy

Claims 1984: SURPRISE 1-6

105 D 7 (174)
(60°21'N, 134°59'W)

A
P. Hildebrand
P.S. Sidher

105 D 7 (177)
(60°24'N, 134°49'W)

Claims 1984: A 1-2,B 1

LAVALEE
K. MacPhee
R. Hamel

105 D 9 (64)
(60°35'N, 134°25'W)

Claims 1984: RED 1-6

DUGDALE
P. Percival

105 D 10 (55)
(60°35'N, 134°55'W)

Claims 1984: DOUG 1-4

ROSSBANK
B.J. Cofer

105 D 10 (178)
(60°34'N, 134°33'W)

Claims 1984: ROSSBANK 1-2

ATA
H.A. Larson

105 D 10,11 (179)
(60°40'N, 135°00'W)

Claims 1984: ATA 66-81, 83-88, 90-97, 100-103

HARNIAK
N. Naharniak

105 D 11 (71)
(60°36'N, 135°30'W)

Claims 1984: SPOT 1-4

WOE
H.A. Larson

105 D 11 (183)
(60°44'N, 135°13'W)

Claims 1984: WOE 1-2

BEE
Silver Sabre Resources Ltd.

105 D 14 (147)
(60°48'N, 135°15'W)

Claims 1984: CEE 1-27

CAMEO
V. Paylor

105 D 14 (180)
(60°47'N, 135°02'W)

Claims 1984: CAMEO 1-2

GUAJALOTE
D. Mackrell

105 D 14 (181)
(60°48'N, 135°14'W)

Claims 1984: GUAJALOTE 1-4

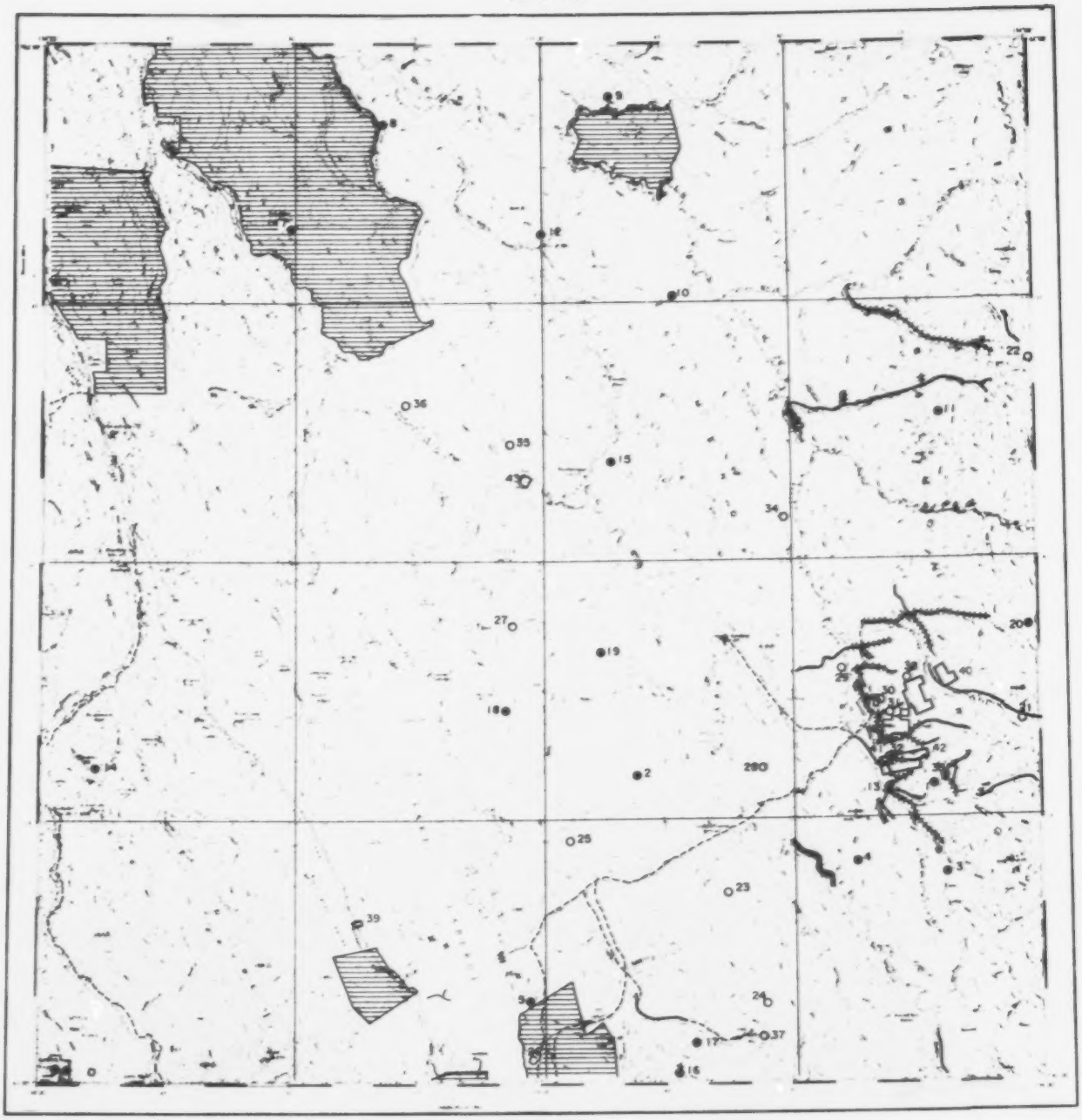
DRILL
S. Beckett

105 D 14 (182)
(60°53'N, 135°13'W)

Claims 1984: DRILL 1

NOTES

105 E



LABERGE
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurence see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1983) and staked before Jan. 1984.

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1983).

Placer Claims in good standing (Jan. 1983).

Dredging Leases in good standing (Jan. 1983).

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

LABERGE MAP-AREA (NTS 105 E)

General Reference: GSC Open File 578 by:
D.J. Tempelman-Kluit, 1978.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	FLOAT	Vein Au Ag Cu Pb	105 E 8	7	D.I.A.N.D. (1985, p. 168)
2	TUV	Porphyry Cu Mo	105 E 7	7	
3	LOON	Metamorphosed Cu deposit of uncertain origin	105 E 1	6	Craig & Laporte (1972, p. 119-120)
4	BEE	Occurrence Cu	105 E 1	7	
5	LABERGE	Skarn Cu Fe	105 E 3	7	Findlay (1969a, p. 55-56)
6	TAKHINI	Skarn Cu	105 E 4	7	
7	PACKERS (BAND)	Skarn Cu Fe	105 E 13	7	Sinclair et al (1976, p. 112-113)
8	CLAIRE	Coal	105 E 14	7	Bostock & Lees (1938, p. 16)
9	WALSH	Coal	105 E 15	7	Bostock & Lees (1938, p. 16)
10	SEMENOF	Vein Cu Au Ag	105 E 15	7	
11	ILLUSION	Asbestos	105 E 9	7	D.I.A.N.D., Mines and Minerals Activities (1971, p. 19)
12	CASSIAR BAR	Volcanic red bed Cu Ag	105 E 15,14	7	
13	SYLVIA	Vein Pb Zn Au Ag Cu	105 E 8	7	
14	CORDUROY	Coal	105 E 5	7	
15	HOOTALINQUA	Coal	105 E 10	7	
16	HIG	Unclassified	105 E 2	7	D.I.A.N.D. (1981, p. 170)
17	LORI	Porphyry Mo Cu	105 E 2	7	Sinclair et al (1976, p. 110)
18	MUSTARD (GEM)	Vein Au	105 E 6	7	Sinclair et al (1976, p. 111)
19	BACON (BOND)	Porphyry Mo Cu	105 E 6	7	Sinclair et al (1976, p. 111)
20	HAL	Skarn W	105 E 9	7	D.I.A.N.D. (1981, p. 170)
21	YETI	Unclassified	105 E 8	9	D.I.A.N.D. (1981, p. 170)
22	FOG MOUNTAIN	Skarn Zn Pb	105 E 9	7	D.I.A.N.D. (1982, p. 121)
23	CROST	Unclassified	105 E 2	9	D.I.A.N.D. (1982, p. 121)
24	SLINE	Unclassified	105 E 2	9	D.I.A.N.D. (1982, p. 121)
25	AURIER	Unclassified	105 E 2	9	D.I.A.N.D. (1982, p. 121)
26	AKEL	Unclassified	105 E 3	9	D.I.A.N.D. (1982, p. 121)
27	OVOAS	Unclassified	105 E 6	9	D.I.A.N.D. (1982, p. 121)
28	ENOF	Unclassified	105 E 7	9	D.I.A.N.D. (1982, p. 122)
29	GERM	Unclassified	105 E 8	9	D.I.A.N.D. (1982, p. 122)
30	REN	Unclassified	105 E 8	9	D.I.A.N.D. (1982, p. 122)
31	NC	Unclassified	105 E 8	9	D.I.A.N.D. (1982, p. 122)
32	MARBEE	Unclassified	105 E 8	9	D.I.A.N.D. (1982, p. 122); This Report
33	MAYBE	Unclassified	105 E 8	9	D.I.A.N.D. (1983, p. 121); This Report
34	SBS	Unclassified	105 E 10	9	D.I.A.N.D. (1982, p. 122)
35	HOOT	Unclassified	105 E 11	9	D.I.A.N.D. (1982, p. 122)
36	RANKL	Unclassified	105 E 11	9	D.I.A.N.D. (1982, p. 122)
37	TES	Unclassified	105 E 2	9	D.I.A.N.D. (1983, p. 121)
38	RIM (OWL)	Unclassified	105 E 9	9	D.I.A.N.D. (1983, p. 121); This Report
39	JOHN	Unclassified	105 E 3	9	This Report
40	GORD	Unclassified	105 E 8	9	This Report
41	BUMS	Unclassified	105 E 8	9	This Report
42	ERN	Unclassified	105 E 8	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

1984 MINERAL CLAIMS STAKED

JOHN
J.W. Adamson

105 E 3 (39)
(61°09'N, 135°22'W)

Claims 1984: JOHN 1-2

MARBEE
Placer Stake Resources Inc.

105 E 8 (32)
(61°18'N, 134°16'W)

Claims 1984: MC 1-36

MAYBE
C.M. Exploration Ltd.

105 E 8 (33)
(61°18'N, 134°11'W)

Claims 1984: LINSEY 1-8

RIM (OWL)
G. Asuchak Jr. & D. Baumback

105 E 8 (38)
(61°22'N, 134°15'W)

Claims 1984: OCK 1-36

GORD
G. McIntyre

105 E 8 (40)
(61°23'N, 134°12'W)

Claims 1984: GORD 1-12

BUMB
D. Redden

105 E 8 (41)
(61°21'N, 134°17'W)

Claims 1984: BUMB 1-2

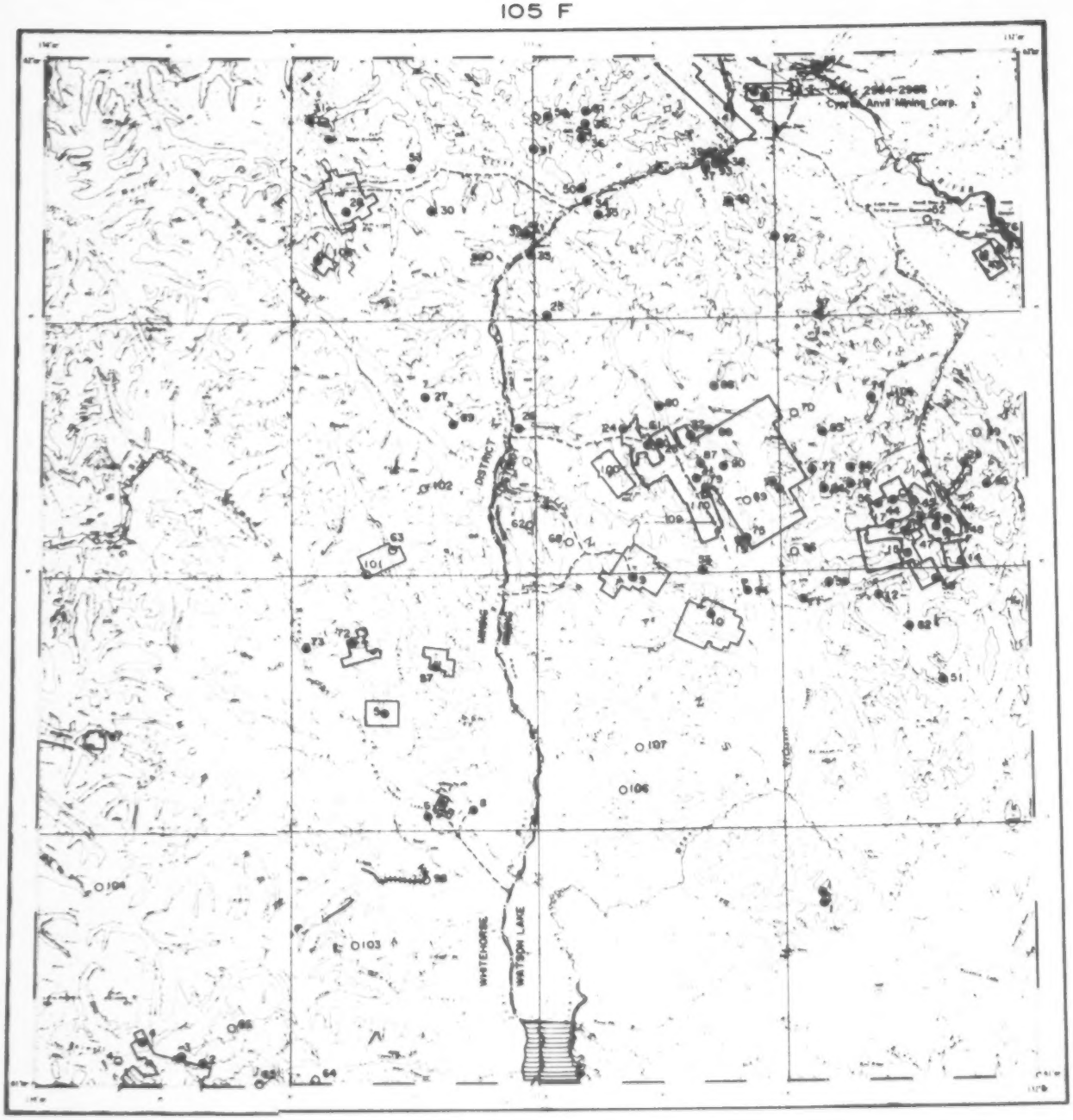
ERN
P. MacDonald

105 E 8 (42)
(61°18'N, 134°14'W)

Claims 1984: ERN 1-4

NOTES

105 F



QUIET LAKE
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurance see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985)

Placer Claims in good standing (Jan. 1985)

Dredging Leases in good standing (Jan. 1985)

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

QUIET LAKE MAP-AREA (NTS 105 F)

General Reference: GSC Open File 486 by:
D.J. Tempelman-Kluit, 1977.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	MOLLY	Skarn Mo W	105 F 1	6	D.I.A.N.D. (1982, p.126)
2	MOBS	Vein Ag Pb Zn	105 F 4	7	Green (1966, p. 60-62)
3	WOPUS	Vein Au Ag	105 F 4	7	D.I.A.N.D. (1981, p. 177); D.I.A.N.D. (1982, p. 133)
4	GOPHER	Vein Au Ag	105 F 4	7	Green (1966, p. 60-62); D.I.A.N.D. (1983, p. 123-124)
5	IOLA	Occurrence Cu Pb Zn	105 F 6	7	D.I.A.N.D. (1983, p. 123-124)
6	VODKA	Asbestos	105 F 6	7	
7	TOWER PEAK	Asbestos, Vein Cu	105 F 6	7	D.I.A.N.D. (1982, p. 126-127)
8	DODY	Asbestos	105 F 6	7	
9	STORMY (PM)	Skarn Mo W	105 F 7	2	D.I.A.N.D. (1982, p. 173)
10	MM	Stratiform Pb Zn Cu Ag (Ba)	105 F 7	6	Morin et al (1980, p. 60)
11	CPA	Vein Ag Pb Zn	105 F 8	7	Morin et al (1979, p. 80-81); D.I.A.N.D. (1985, p. 173)
12	SONNY	Vein Ag Pb	105 F 9	7	This Report
13	KAY	Vein Ag Pb Zn	105 F 9	7	Findlay (1969a, p. 76-77); This Report
14	SHARON (KET)	Unclassified	105 F 9	7	Findlay (1969a, p. 76-77); This Report
15	OXO	Vein Au Ag	105 F 9	7	Green (1965, p. 42-43)
16	KOPINEC	Vein Cu	105 F 9	7	D.I.A.N.D. (1982, p. 133)
17	BOOM (KON)	Vein, Replacement Au	105 F 9	7	D.I.A.N.D. (1982, p. 127); This Report
18	OPERATION	Occurrence Cu	105 F 9	7	
19	BOX (JD)	Unclassified	105 F 10	9	D.I.A.N.D. (1981, p. 173); This Report
20	GRAYLING	Stratiform, Vein Pb Ag Zn	105 F 10	6	D.I.A.N.D. (1982, p. 127, 133); This Report
21	COXALL (BID)	Vein Cu	105 F 10	7	Morin et al (1979, p. 84); This Report
22	TYRO	Vein Zn Ag Cu Pb	105 F 10	7	This Report
23	HADYN	Vein Ag Pb Cu Zn Au	105 F 10	7	This Report
24	GROUNDHOG	Vein Ag Pb Zn	105 F 10	5	Findlay (1969b, p. 46-47)
25	ROCKY	Asbestos	105 F 15	7	
26	PONY	Vein Ag Pb Zn	105 F 11	7	Kindle (1945, p. 24)
27	HAM	Skarn W	105 F 11	7	
28	RISBY	Skarn W	105 F 14	2	D.I.A.N.D. (1983, p. 123-124)
29	AMBROSE	Vein Cu Ag	105 F 9	7	
30	TUB (BRIE)	Occurrence Pb Zn Cu W	105 F 14	7	Sinclair et al (1976, p. 112)
31	EVA	Skarn W	105 F 14	7	D.I.A.N.D. (1981, p. 173)
32	BARITE MOUNTAIN	Vein Ba	105 F 14	2	D.I.A.N.D. (1983, p. 123-124)
33	McNEE	Vein unclassified	105 F 14	7	Kindle (1945, p. 24)
34	CANUSA	Vein Pb Ag Au	105 F 15	7	
35	CYR	Unclassified	105 F 15	7	Wheeler et al (1960)
36	MT. COOK (GREW)	Occurrence Zn Mo	105 F 15	7	D.I.A.N.D. (1983, p. 123-124)
37	LAPIE	Vein Au Ag	105 F 15	7	Kindle (1945, p. 25)
38	WATERFALL	Vein Au Ag	105 F 15	7	Kindle (1945, p. 25)
39	DANGER	Unclassified	105 F 15	7	Kindle (1945, p. 25); Morin et al (1980, p. 62)
40	MT. ROSS	Vein Au Ag	105 F 15	7	Kindle (1945, p. 25)
41	TRENCH	Unclassified	105 F 15	7	Kindle (1945, p. 21)
42	WHISKEY LAKE	Coal	105 F 15	7	Findlay (1967, p. 89)
43	BRUCE LAKE	Unclassified	105 F 16	9	Green & Godwin (1964, p. 42-43); This Report
44	MT. MISERY	Vein Ag Pb Cu	105 F 9	7	This Report

45	KEY 3	Vein Ag Pb Zn	105 F 9	7	Green (1966, p. 64-68); Findlay (1969b, p. 44-46)
46	LAP 10	Vein Ag Pb Zn	105 F 9	6	Findlay (1969, p. 44-46)
47	HOEY	Vein Ag Pb Zn	105 F 9	6	Findlay (1969, p. 44-46)
48	STUMP	Vein Ag Pb Zn	105 F 9	2	Findlay (1969, p. 44-46)
49	KETZA RIVER	Vein Ag Pb Au	105 F 9	2	D.I.A.N.D. (1981, p. 174)
50	MAGUNDY	Vein Ag Pb	105 F 15	7	
51	HOGG	Vein Cu	105 F 8	7	
52	CALGAL (CHUNG)	Unclassified	105 F 16	9	Morin et al (1980, p. 64)
53	ASKIN	Stratiform Ba	105 F 14	7	
54	DIRK	Stratiform Ba	105 F 15	7	
55	CONNELL	Unclassified	105 F 10	9	
56	FURY	Unclassified	105 F 9	9	
57	OBVIOUS	Skarn W	105 F 6	7	D.I.A.N.D. (1985, p. 173)
58	NOKLUIT	Syenite breccia pipe REE, Th Nb	105 F 8	7	D.I.A.N.D. (1981, p. 175)
59	GUANO	Skarn REE, Nb	105 F 8	7	D.I.A.N.D. (1981, p. 55-59,175)
60	TAKU	Occurrence Pb Zn	105 F 10	7	D.I.A.N.D. (1981, p. 175)
61	H (PEAK)	Vein Pb Zn Ag	105 F 10	6	D.I.A.N.D. (1981, p. 175); D.I.A.N.D. (1983, p. 123,125)
62	FIRST	Unclassified	105 F 11	9	D.I.A.N.D. (1981, p. 176)
63	LAST	Unclassified	105 F 11	9	D.I.A.N.D. (1981, p. 176)
64	B.R.	Unclassified	105 F 3	9	D.I.A.N.D. (1982, p. 128-129)
65	MMM (MURPHY)	Unclassified	105 F 4	9	D.I.A.N.D. (1982, p. 129)
66	TIM	Unclassified	105 F 4	9	D.I.A.N.D. (1982, p. 129)
67	RPP	Unclassified	105 F 5	9	D.I.A.N.D. (1982, p. 129)
68	ADDY	Unclassified	105 F 10	9	D.I.A.N.D. (1981, p. 177)
69	JDX	Unclassified	105 F 10	9	D.I.A.N.D. (1981, p. 177)
70	McCASH	Unclassified	105 F 9	9	D.I.A.N.D. (1981, p. 177)
71	TOOTS	Unclassified	105 F 9	9	D.I.A.N.D. (1981, p. 177); This Report
72	HIDDEN	Skarn W	105 F 6	6	This Report
73	AYDUCK	Skarn W	105 F 6	6	D.I.A.N.D. (1982, p. 129-130)
74	CLO	Unclassified	105 F 9	9	D.I.A.N.D. (1981, p. 176)
75	GULL	Vein Pb Zn Ag (Ba)	105 F 10	7	Sinclair et al (1976, p. 162)
76	HOOLEO	Unclassified	105 F 16	9	Sinclair et al (1976, p. 162)
77	CHZERPNOUGH	Stratiform Pb Zn Cu Ag (Ba)	105 F 9	7	Morin et al (1979, p. 81)
78	BNOB	Stratiform Pb (Ba)	105 F 9,10	7	Morin et al (1979, p. 83)
79	SUN	Unclassified	105 F 10	9	Morin et al (1977, p. 195); This Report
80	ANISE	Unclassified	105 F 10	9	Morin et al (1980, p. 62)
81	WIMP	Unclassified	105 F 15	7	Morin et al (1979, p. 80)
82	MUMS	Unclassified	105 F 8	7	Morin et al (1980, p. 61)
83	TREE	Unclassified	105 F 9	7	Morin et al (1979, p. 81)
84	DROC	Unclassified	105 F 9	6	Morin et al (1980, p. 62)
85	HOWRU	Stratabound Pb Zn Cu Ag	105 F 9	7	Morin et al (1979, p. 82)
86	EROS	Unclassified	105 F 10	7	Morin et al (1979, p. 82)
87	NOT	Unclassified	105 F 10	7	Morin et al (1980, p. 83)
88	RAM	Unclassified	105 F 11	7	Morin et al (1980, p. 37)
89	LAP	Skarn W Cu	105 F 14	7	Morin et al (1980, p. 37)
90	PIM	Skarn W Cu	105 F 14,13	7	Morin et al (1980, p. 38)
91	GK	Stratiform Ba	105 F 16,15	6	Morin et al (1980, p. 38)
92	ANGIE	Stratiform Zn Ag	105 F 15	7	Morin et al (1980, p. 39)
93	BOB	Unclassified	105 F 7	7	Morin et al (1980, p. 60)
94	GRAY	Unclassified	105 F 9	7	Morin et al (1980, p. 61)
95	IGLE	Unclassified	105 F 9	9	Morin et al (1980, p. 62)
96	SEATU	Unclassified	105 F 16,9	7	Morin et al (1980, p. 63)
97	TOM	Vein Cu Zn	105 F 3	9	D.I.A.N.D. (1982, p. 133)
98	FER	Unclassified	105 F 9	9	D.I.A.N.D. (1982, p. 133)
99	NCC	Unclassified	105 F 10	7	D.I.A.N.D. (1982, p. 130,133)
100	LORNE	Occurrence Pb Ag	105 F 11	7	D.I.A.N.D. (1982, p. 130-131,133)
101	MOX	Skarn, Vein Cu Pb Zn Ag	105 F 11	9	D.I.A.N.D. (1982, p. 133)
102	SNERD	Unclassified	105 F 3	9	D.I.A.N.D. (1982, p. 131)
103	PISA	Unclassified	105 F 4	9	D.I.A.N.D. (1982, p. 131-132)
104	SAL	Unclassified	105 F 9	9	D.I.A.N.D. (1982, p. 132)
105	TIER	Unclassified	105 F 7	9	D.I.A.N.D. (1982, p. 132)
106	OXY	Unclassified	105 F 7	9	D.I.A.N.D. (1982, p. 132-133)
107	BIG OX	Unclassified	105 F 14	7	D.I.A.N.D. (1985, p. 173)
108	BIG SAM	Skarn W			

109	TAY	Unclassified	105 F 10	9	This Report
110	LP	Unclassified	105 F 10	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

HIDDEN
CUB Joint Venture
Archer, Cathro and Associates Ltd.

Tungsten Skarn
105 F 6 (72)
(61° 26'N, 133° 22'W)

Reference: D.I.A.N.D. (1985 p. 172; 1982 p. 125,129-130).

Claims: HIDDEN 1-8,13-16,25-28,67-82,143-146,166-169

Source: Summary by D.S. Emond from assessment report 091582 by C.A. Main.

Description:

Scheelite occurs in two settings: 1) in fractures and thin quartz veins that occur within a 500 m wide zone bounded and cut by strong north-trending normal faults, and 2) in skarn horizons in the host lower Paleozoic Nasina Series sedimentary rocks within the same fracture zone. Dry fractures contain pyrrhotite, and later quartz veinlets are coarsely crystalline and miarolitic. The skarns are finely laminated, grey-green and siliceous with dark grey layers containing garnet, diopside, pyrrhotite and very finely disseminated scheelite.

Current Work and Results:

In 1984, three trenches were blasted, and sampled within the area of largest geochemical soil anomalies. In addition, a night lamping survey was performed nearby. From the three trenches, 88 m^3, 32 m^3 and 12 m^3 of ground was removed.

The grade of tungsten in the first type of mineralization is low (less than 0.1% WO_3), but tonnage potential may be high (possibly 50 million tonnes). Individual skarn zones are well mineralized, i.e., 0.4% WO_3 over greater than 1.0 m.

The hand trenches were soil sampled, and an unweighted average of all 1984 soil samples was 0.088% WO_3.

*****

1984 MINERAL CLAIMS STAKED

KAY, SHARON (KET), TOOTS — 105 F 8,9 (13,14,71)
Quillo Resources Inc. — (61°31'N, 132°13'W)

Claims 1984: KETZA 1-102

BOOM (KON) — 105 F 9 (17)
Ketza River Mines Ltd. — (61°32'N, 132°18'W)

Claims 1984: KON 23-96

MT. MISERY — 105 F 9 (44)
Quillo Resources Inc. — (61°34'N, 132°16'W)

Claims 1984: QUILL 1-31

GRAYLING, COXALL (BID), HADYN, SUN — 105 F 9,10 (20,21,23,79)
Regional Resources Ltd. — (61°36'N, 132°35'W)

Claims 1984: RAM 1-730

BOX (JD) — 105 F 10 (19)
M. Sherman — (61°32'N, 132°36'W)

Claims 1984: MAT 1-3

TYRO — 105 F 10 (22)
T. Bartsch — (61°38'N, 132°43'W)

Claims 1984: JIM 1-6

TAY — 105 F 10 (109)
P.R. Long — (61°33'N, 132°38'W)

Claims 1984: TAY 1-21

LP — 105 F 10 (110)
S. Mckeown & J. Jobin — (61°35'N, 132°40'W)

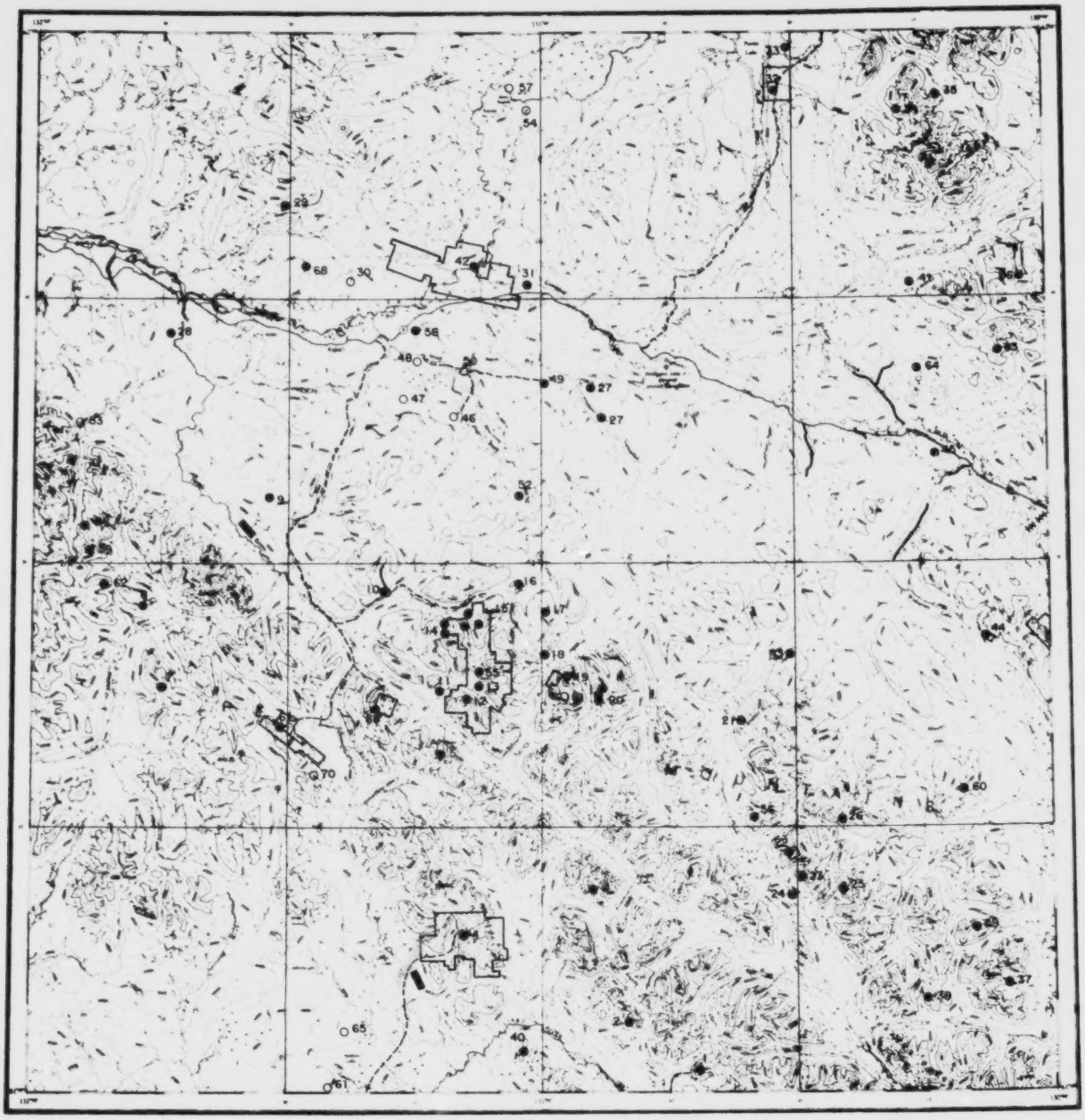
Claims 1984: LP 7-63

BRUCE LAKE — 105 F 16 (43)
A. Carlos — (61°48'N, 132°02'W)

Claims 1984: LUKESHANE 1-48

NOTES

105 G



FINLAYSON LAKE

YUKON TERRITORY

5 0 5 10 15 20 25 30

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

Mineral Deposit or Occurence see Key on facing page.

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984.

Mineral Claims staked in 1984.

Placer Leases in good standing (Jan. 1985).

Placer Claims in good standing (Jan. 1985).

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail.

Driveable Road.

Oil or Gas Well

Airstrip.

FINLAYSON LAKE MAP-AREA (NTS 105 G)

General Reference: GSC Open File 486 by:
D.J. Tempelman-Kluit, 1977.

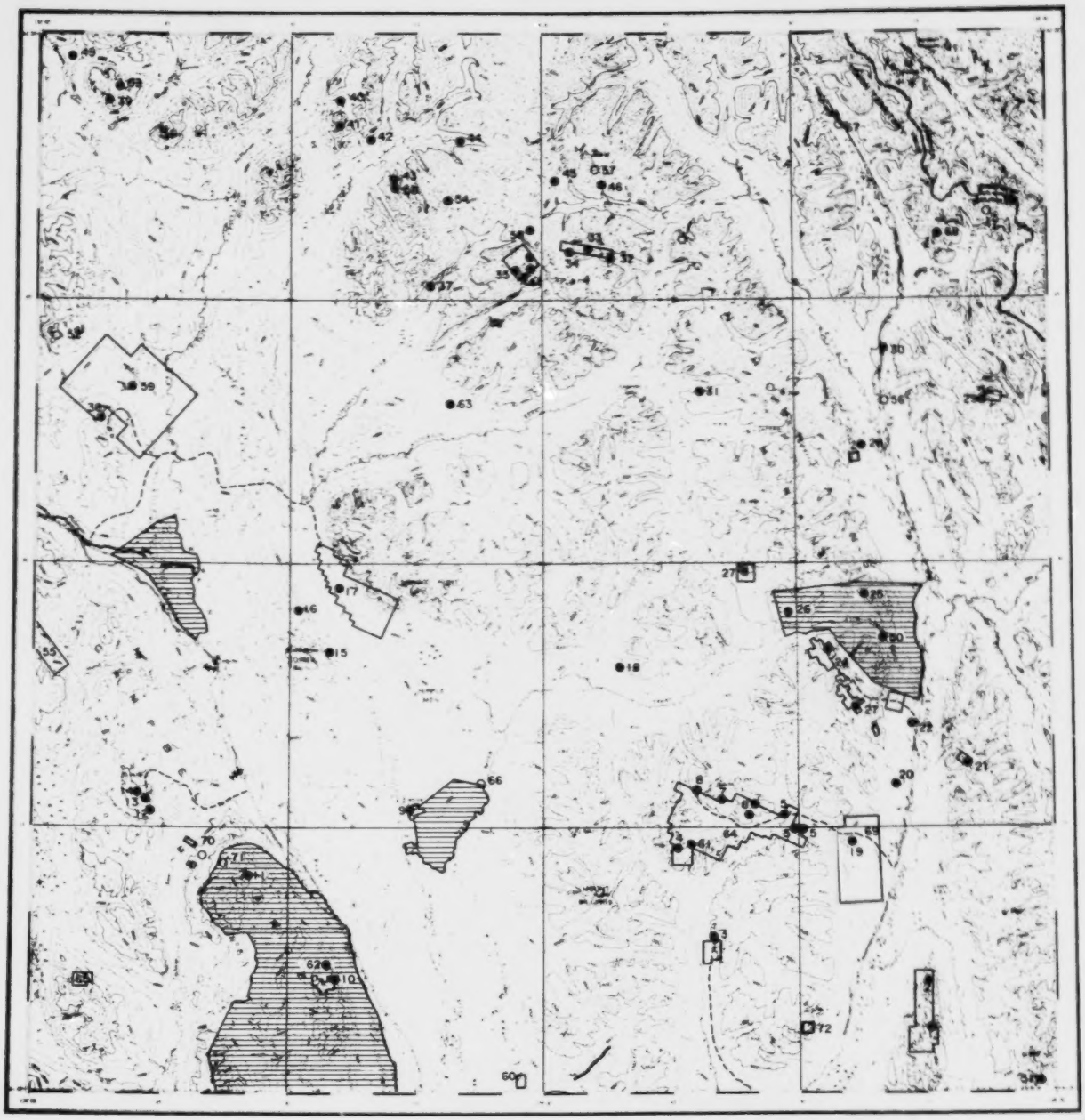
NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	MONT	Vein Cu	105 G 2	7	Findlay (1967, p. 64-65); D.I.A.N.D. (1982, p. 136)
2	BLUEBERRY	Vein Ag Pb Zn Cu W	105 G 2	7	
3	SLAM	Vein Zn Cu	105 G 2	7	
4	TINTINA (EAGLE)	Vein, Replacement Ag Pb Zn	105 G 3	2	Morin et al (1977, p. 199-203)
5	PLUMB (NOLE)	Vein Pb Zn Ag	105 G 6	7	Morin et al (1979, p. 86)
6	FH (JOE)	Stratiform Ag Pb Zn Cu Ba	105 G 5	7	D.I.A.N.D. (1985, p. 176-177)
7	McNEIL	Volcanic red bed Cu	105 G 5	7	
8	AXE	Volcanic red bed Cu, Vein Ba	105 G 5	7	D.I.A.N.D. (1985, p. 177)
9	HOO	Float Zn Pb Cu	105 G 12	7	Sinclair & Gilbert (1975, p. 85-86)
10	EL	Unclassified	105 G 6	7	Findlay (1969a, p. 79)
11	PICK	Vein Ag Pb	105 G 6	7	
12	GRASS	Vein Mo W	105 G 6	7	
13	SANDERS	Skarn Pb Zn Cu	105 G 6	7	
14	RILEY	Vein Cu Pb	105 G 6	7	
15	ZIELINSKI	Vein Pb Zn Cu Ag	105 G 6	7	
16	RIVIERA	Occurrence Cu Zn	105 G 6	7	
17	GYP	Vein Pb Zn Cu	105 G 7	7	
18	GEE	Vein Pb	105 G 7	7	
19	PIT	Vein Zn Cu Ag Au	105 G 7	7	
20	ROB	Vein Cu Pb Ag	105 G 7	7	
21	PACK	Stratabound Zn Cu	105 G 7	6	D.I.A.N.D. (1981, p. 180); Morin (1981b, in D.I.A.N.D., 1981, p. 91-97)
22	FYRE	Stratabound Pb Zn Cu Ag (Ba)	105 G 2	7	D.I.A.N.D. (1982, p. 135); Morin (1981b, in D.I.A.N.D., 1981, p. 91-97)
23	TOP	Vein Ag Pb Zn	105 G 1	7	
24	DUB	Unclassified	105 G 2	7	Findlay (1967, p. 59-60)
25	MM	Skarn Cu	105 G 1	7	
26	VINCENT	Vein Cu	105 G 8	7	
27	BOT	Asbestos	105 G 10	7	Morin et al (1979, p. 85)
28	PUP	Asbestos	105 G 12	7	
29	CHOW	Vein Pb Zn Ag	105 G 13	7	Morin et al (1979, p. 88)
30	DOL	Unclassified	105 G 14	9	
31	CAMPBELL	Coal	105 G 14	7	Keele (1910, p. 50)
32	PHIL (BOB)	Stratabound Pb Zn Cu	105 G 15	6	D.I.A.N.D. (1981, p. 180,182)
33	PAY	Vein, Replacement Au Ag Pb Zn	105 G 15	7	Findlay (1969a, p. 81-83)
34	RIS	Vein Cu	105 G 16	9	
35	SPUD	Unclassified	105 G 16	7	Tempelman-Kluit (1974c, p. 44)
36	JAKE	Vein Ag Pb Zn	105 G 16	7	
37	MAP	Vein Ag Pb	105 G 1	7	
38	WATERS	Vein Ag Pb	105 G 1	7	
39	ZIMMER	Occurrence Cu	105 G 12	7	
40	INGS	Vein Cu	105 G 3	7	
41	HARMAN	Unclassified	105 G 16	7	Sinclair & Gilbert (1975, p. 98)
42	ELECTRIC	Stratiform Pb Zn	105 G 14	7	D.I.A.N.D. (1985, p. 177)
43	MYDA	Skarn W	105 G 7	7	D.I.A.N.D. (1981, p. 180)
44	FETISH	Stratabound Cu Zn Pb	105 G 8	7	Morin (1981b, in D.I.A.N.D., 1981, p. 91-97); D.I.A.N.D. (1985, p. 177)
45	QUANDARY	Unclassified	105 G 9	9	
46	FREGERG	Unclassified	105 G 11	9	
47	FLIN	Unclassified	105 G 11	9	
48	FLON	Unclassified	105 G 11	9	

49	HUDSON	Unclassified	105 G 10	9	
50	AIRBORNE	Unclassified	105 G 11	9	
51	TOKE	Unclassified	105 G 7	9	D.I.A.N.D. (1981, p. 180)
52	FOG	Skarn W	105 G 11	6	D.I.A.N.D. (1981, p. 181)
53	STARR	Unclassified	105 G 12	9	D.I.A.N.D. (1981, p. 182)
54	GONZO	Unclassified	105 G 14	9	D.I.A.N.D. (1981, p. 182)
55	BOOT	Skarn W	105 G 6	6	D.I.A.N.D. (1981, p. 181)
56	HOWDEE	Skarn W	105 G 7	7	D.I.A.N.D. (1981, p. 182)
57	DWONK	Unclassified	105 G 14	9	D.I.A.N.D. (1981, p. 182)
58	EAGLE (FRED)	Stratabound Pb Zn	105 G 11	7	D.I.A.N.D. (1981, p. 182)
59	PY	Unclassified	105 G 1	7	Sinclair et al (1976, p. 164)
60	MONEY	Unclassified	105 G 8	7	Sinclair et al (1976, p. 166)
61	BOW	Unclassified	105 G 3	9	Morin et al (1979, p. 85)
62	NMT	Unclassified	105 G 5	7	Morin et al (1977, p. 203)
63	TIL	Unclassified	105 G 9	7	Morin et al (1980, p. 65)
64	IRENE	Unclassified	105 G 9	7	Morin et al (1980, p. 67)
65	PAT	Unclassified	105 G 3	9	Morin et al (1979, p. 85)
66	NEW	Unclassified	105 G 12	7	Morin et al (1979, p. 87)
67	SAS	Unclassified	105 G 16	9	D.I.A.N.D. (1982, p. 136)
68	LEACH	Unclassified	105 G 14	6	D.I.A.N.D. (1983, p. 128-129)
69	CYR	Unclassified	105 G 6	7	Morin et al (1980, p. 64)

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

NOTES

105 H



FRANCES LAKE

YUKON TERRITORY - NORTHWEST TERRITORIES

5 0 5 10 15 20 25 30

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

Mineral Deposit or Occurence see Key on facing page.

Unmineralized Target.

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984.

Mineral Claims staked in 1984.

Placer Leases in good standing (Jan. 1985).

Placer Claims in good standing (Jan. 1985).

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Yate Trail.

Driveable Road.

DK or Bee Well.

Airstrip.

FRANCES LAKE MAP-AREA (NTS 105 H)

General Reference: GSC Map 6-1966 by: S.L. Blusson, 1966.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	JAN	Skarn Au Cu	105 H 1	7	D.I.A.N.D. (1983, p. 131)
2	MIDAS	Unclassified	105 H 1	7	D.I.A.N.D. (1982, p. 139-140,145)
3	FLIP (MTB)	Skarn Ag Pb Zn Cu W	105 H 2	6	D.I.A.N.D. (1981, p. 185)
4	DC	Skarn Zn Pb (Ag Sn)	105 H 2	7	Green (1966, p. 72)
5	MIKO	Skarn Pb Zn Ag	105 H 7	5	D.I.A.N.D. (1982, p. 140)
6	GLENNA	Skarn Ag Pb Zn Cu	105 H 7	6	D.I.A.N.D. (1982, p. 141)
7	STEELE	Unclassified	105 H 7	9	Sinclair & Gilbert (1975, p. 81-82)
8	RIETA (MAX)	Skarn W	105 H 7	7	D.I.A.N.D. (1985, p. 180)
9	FRANCES	Vein Cu	105 H 6	7	
10	LIND	Asbestos	105 H 3	7	D.I.A.N.D. (1983, p. 131,133)
11	DOUG	Vein Cu	105 H 4	7	
12	TUCHITUA	Asbestos	105 H 5	7	D.I.A.N.D. (1981, p. 185)
13	EKO (GREEN STUFF)	Asbestos-Jade	105 H 5	7	Morin et al (1977, p. 209)
14	DIM	Asbestos	105 H 5	7	
15	MAY	Unclassified	105 H 6	7	Green (1966, p. 72)
16	MAPEL	Vein Cu Pb Zn	105 H 6	7	
17	MATT BERRY	Stratabound Pb Zn Ag	105 H 6	5	D.I.A.N.D. (1982, p. 141)
18	FLUKE	Skarn Pb Zn Ag W	105 H 7	7	D.I.A.N.D. (1981, p. 186)
19	CANYON	Skarn Ag Pb Zn	105 H 1	7	D.I.A.N.D. (1983, p. 131-132)
20	STU	Unclassified	105 H 8	7	Blusson (1966)
21	TERRY	Skarn W	105 H 8	7	D.I.A.N.D. (1982, p. 145)
22	CORRIE	Occurrence Cu	105 H 8	7	
23	BLACK JACK	Skarn Zn Pb	105 H 8	7	D.I.A.N.D. (1982, p. 141-142)
24	FIR TREE	Skarn Zn Pb	105 H 9	7	D.I.A.N.D. (1982, p. 141-142)
25	MONTSE	Skarn W	105 H 8	7	
26	RON	Skarn Zn Pb (Ag Sn)	105 H 7	7	Green (1966, p. 68-71); D.I.A.N.D. (1982, p. 145)
27	HELEN	Unclassified	105 H 7	7	Blusson (1966); D.I.A.N.D. (1982, p. 145)
28	BROD	Skarn Pb Zn Ag	105 H 9	7	D.I.A.N.D. (1981, p. 186); This Report
29	RAIN	Skarn Cu Fe	105 H 9	6	D.I.A.N.D. (1981, p. 188); D.I.A.N.D. (1982, p. 145)
30	ROAD	Unclassified	105 H 9	9	Green (1968, Figure 1); D.I.A.N.D. (1981, p. 188)
31	TOY (REA)	Skarn Ag Pb Zn Cu	105 H 10	7	Morin et al (1977, p. 210)
32	BR	Skarn W Cu	105 H 15	7	
33	TANYA	Skarn W Cu	105 H 15	7	Craig & Milner (1975, p. 117)
34	GUY	Skarn W Cu	105 H 15	7	Green (1968, Figure 1)
35	THOR	Porphyry Mo	105 H 14	7	D.I.A.N.D. (1982, p. 142)
36	BROTEN	Skarn W Cu Mo	105 H 14	7	
37	TUSTLES	Occurrence Cu	105 H 14	7	
38	TED	Stratabound, Vein Ba (Ag Pb Zn Au)	105 H 12	5	D.I.A.N.D. (1982, p. 142)
39	MARCHILLA	Skarn W Cu Pb Zn	105 H 13	7	
40	LEE	Skarn Zn Pb (Ag Sn)	105 H 14	7	D.I.A.N.D. (1981, p. 188)
41	YUSEZYU	Unclassified	105 H 14	7	Blusson (1966)
42	DODGE	Skarn Mo	105 H 14	7	
43	TILLEI	Porphyry Mo W	105 H 14	7	
44	HITCH HIKER	Vein Ag Pb Zn	105 H 14	7	
45	ZEUS	Skarn W Mo	105 H 15	7	D.I.A.N.D. (1982, p. 143)
46	CHAP	Skarn W Mo	105 H 15	7	D.I.A.N.D. (1982, p. 143)
47	ALM	Skarn Pb Zn	105 H 16	7	
48	BUS	Unclassified	105 H 16	9	Skinner (1961, p. 46)
49	TIM	Skarn Pb Zn Cu	105 H 13	7	

50	SUSAN	Skarn W	105 H 8	7	D.I.A.N.D. (1982, p. 142)
51	LAN	Skarn Pb Zn Ag	105 H 1	7	D.I.A.N.D. (1981, p. 187)
52	TIN	Unclassified	105 H 12	9	D.I.A.N.D. (1981, p. 187)
53	VIKING	Skarn Ag Pb Zn	105 H 13,14	7	D.I.A.N.D. (1981, p. 187)
54	WOAH	Skarn W	105 H 14	5	D.I.A.N.D. (1981, p. 187)
55	JULIA	Occurrence Cu Zn Ag	105 H 5	7	D.I.A.N.D. (1982, p. 143)
56	TINY	Unclassified	105 H 9	9	D.I.A.N.D. (1981, p. 188)
57	AURORA	Skarn W Mo	105 H 15	7	D.I.A.N.D. (1982, p. 143)
58	TAI	Skarn W	105 H 14	7	D.I.A.N.D. (1981, p. 187)
59	FIN	Stratiform Pb Zn Ba	105 H 12	7	This Report
60	HAWK	Occurrence W	105 H 3	7	D.I.A.N.D. (1982, p. 144)
61	SUZANNE	Skarn Zn Pb (Ag Sn)	105 H 2	7	Morin et al (1977, p. 207)
62	KING ARCTIC	Unclassified	105 H 3	5	Morin et al (1977, p. 208)
63	MAXI	Stratiform Pb Zn Cu Ag (Ba)	105 H 11	7	Morin et al (1980, p. 67-68)
64	ON	Unclassified	105 H 2	9	D.I.A.N.D. (1982, p. 145)
65	KNEIL	Stratiform Fe Zn Pb	105 H 4	7	D.I.A.N.D. (1983, p. 131-133)
66	TYER	Unclassified	105 H 6	9	D.I.A.N.D. (1982, p. 145)
67	LYNX	Unclassified	105 H 16	9	D.I.A.N.D. (1982, p. 145)
68	TUNA	Skarn,Vein W Mo Cu	105 H 16	7	D.I.A.N.D. (1983, p. 131,133)
69	GEL	Unclassified	105 H 1	9	D.I.A.N.D (1982, p. 144-145)
70	BEANS	Unclassified	105 H 4	9	D.I.A.N.D. (1985, p. 180); This Report
71	PICA	Unclassified	105 H 4	9	D.I.A.N.D. (1985, p. 180)
72	BARRY	Unclassified	105 H 1	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

FIN
Cominco Ltd.

Lead, Zinc, Silver
105 H 12 (59)
(61° 40'N, 129° 40'W)

Reference: D.I.A.N.D. (1983 p. 131-132).

Claims: FIN 1-455

Source: Summary by D.A. Downing from assessment report 091595 by R.J. Sharp.

Current Work and Results:

Work in 1984 consisted of 1656 m of NQ diamond drilling in 7 holes. The program tested for a southerly extension of sphalerite-galena-pyrite lenses intersected during 1980 drilling. Minor layers of pyrite-sphalerite bearing sedimentary rock up to 70cm thick were located in 4 holes. Sulphide mineralization assayed up to 11.6% Zn and 0.40% Pb.

*****

1984 MINERAL CLAIMS STAKED

BARRY
A. Black

105 H 1 (71)
(61°03'N, 128°29'W)

Claims 1984: BARRY 1-4

BEANS
H. Caesar, B. McGeorge
T. Dickson

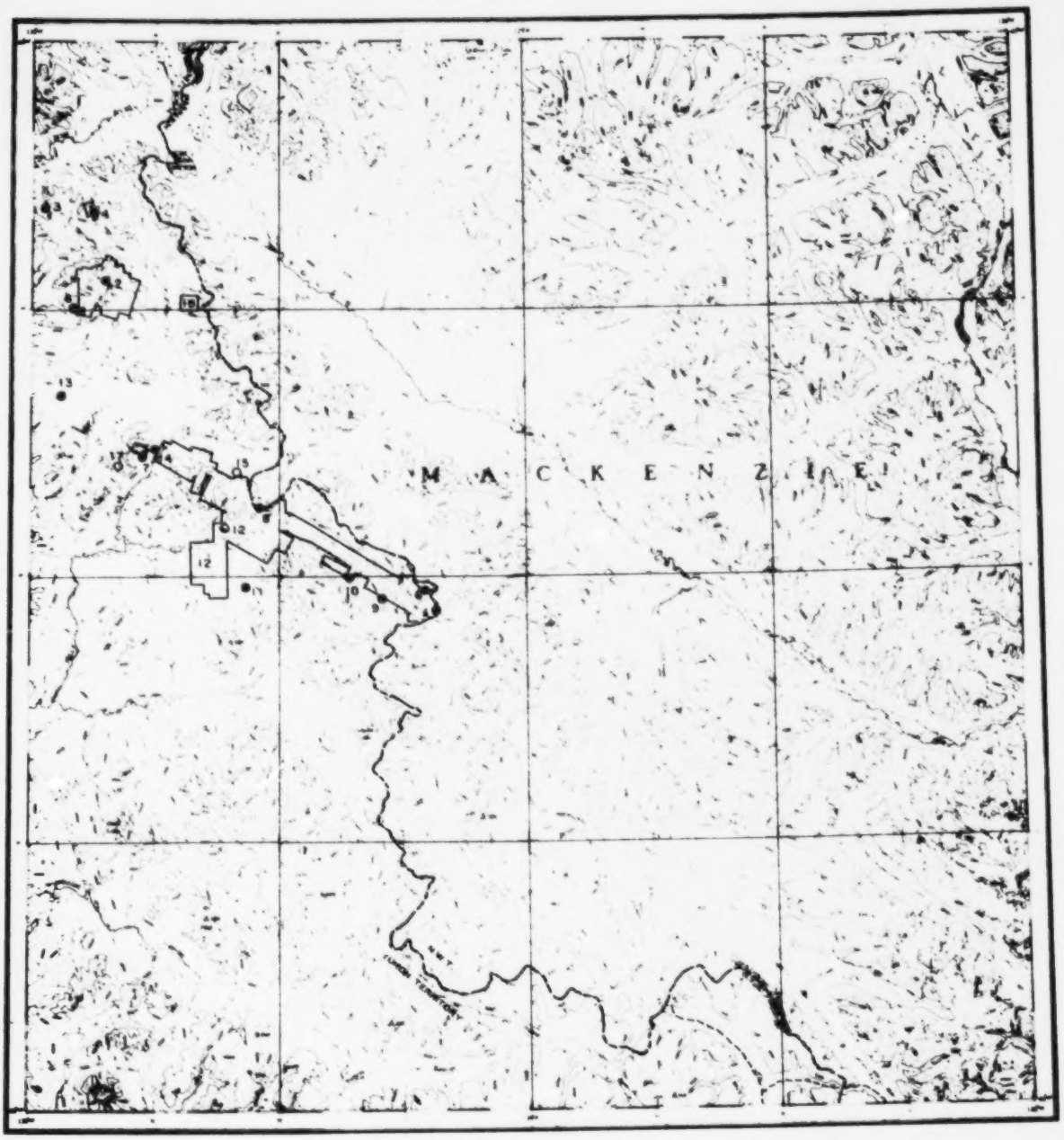
105 H 4 (70)
(61°14'N, 129°42'W)

Claims 1984: PIKA 1, JADE 1, JAKE 1, JOE 1

BROD
A. Black

105 H 9 (28)
(61°36'N, 128°24'W)

Claims 1984: JOY 1-4



NAHANNI

YUKON TERRITORY - NORTHWEST TERRITORIES

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

Mineral Deposit or Occurance see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985)

Placer Claims in good standing (Jan. 1985)

Dredging Leases in good standing (Jan. 1985)

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

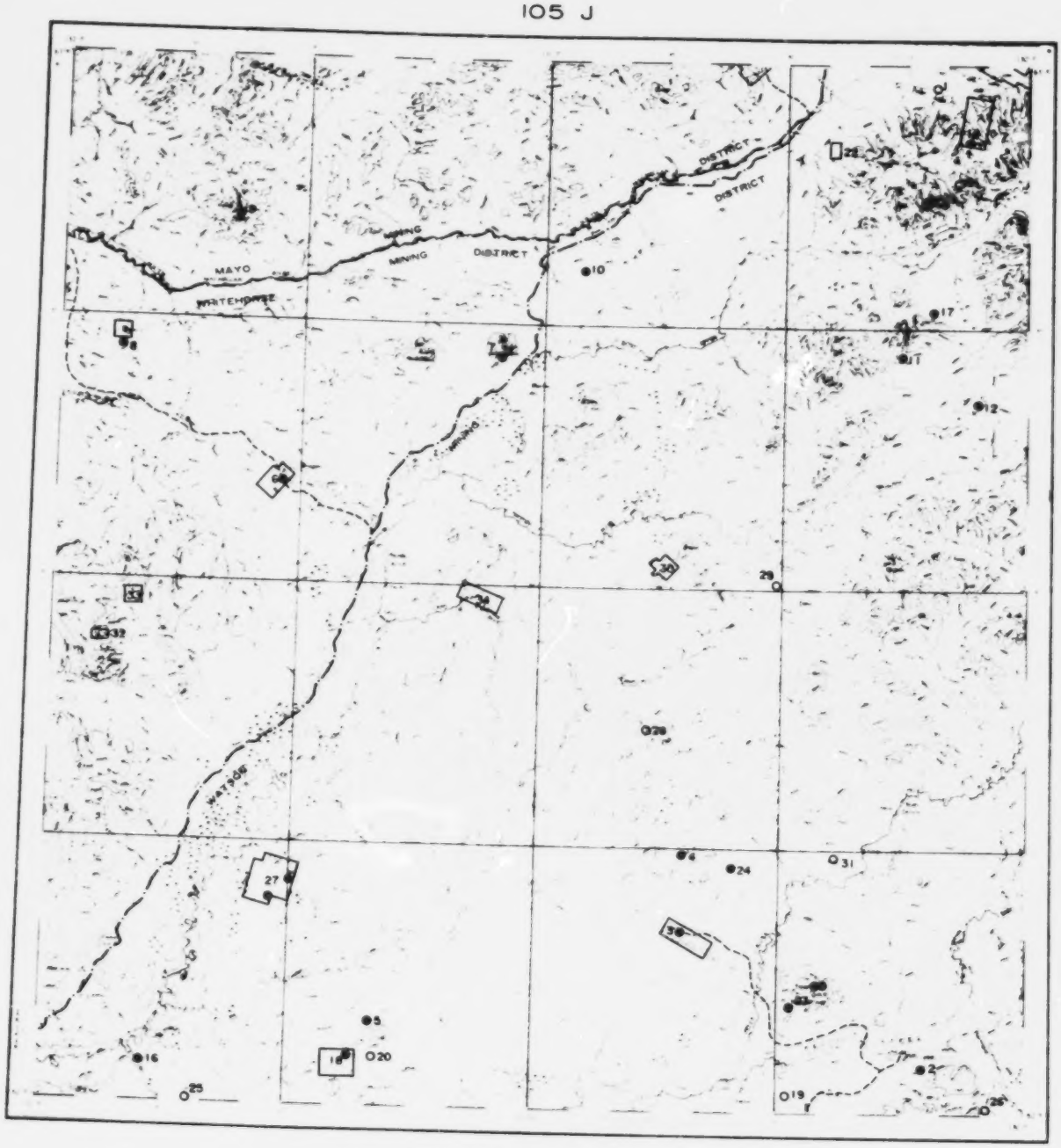
NAHANNI MAP-AREA (NTS 105 I)

General Reference: GSC Open File 780 and GSC Open File 809 by: S.P. Gordey, 1981.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	NAR	Vein, Skarn Cu Pb Ag Zn	105 I 4	7	
2	OMO	Skarn W Cu Zn	105 I 13	6	D.I.A.N.D. (1982, p. 147)
3	BIRR (BEE)	Skarn Cu Fe	105 I 13	7	Findlay (1969b, p. 50)
4	SEL	Vein Au	105 I 13	7	D.I.A.N.D. (1985, p. 183)
5	HOWARD'S PASS	Stratiform Pb Zn (Ag)	105 I 6	2	MIR (N.W.T.), 1973; D.I.A.N.D. (1981, p. 7,18); Morganti (1985); Goodfellow and Jonasson (1985); Jonasson and Goodfellow (1985)
6	SHIELD	Stratiform Pb Zn	105 I 5	7	Sinclair et al (1975, p. 160-161)
7	ORO	Stratiform Ba	105 I 12	7	Sinclair & Gilbert (1975, p. 96-98)
8	WISE	Stratiform Pb Zn Ag	105 I 12	7	
9	WINKIE (ROSS)	Unclassified	105 I 6	7	Sinclair et al (1975, p. 161-162); D.I.A.N.D. (1983, p. 135)
10	NESS (MAD)	Vein Cu	105 I 6	7	Sinclair & Gilbert (1975, p. 96-97)
11	DIANNE	Unclassified	105 I 5	9	
12	RITZ	Unclassified	105 I 12	9	D.I.A.N.D. (1981, p. 190)
13	ABBEY	Stratiform Pb Zn	105 I 12	6	D.I.A.N.D. (1981, p. 190)
14	TANG	Stratiform Ba	105 I 12	7	Morin et al (1979, p. 92)
15	OHNO	Unclassified	105 I 12	9	Morin et al (1980, p. 69)
16	ROOK	Unclassified	105 I 13,12	9	Morin et al (1980, p. 70)
17	FAST	Unclassified	105 I 12	9	D.I.A.N.D. (1983, p. 135)
18	SAND	Unclassified	105 I 12,13	9	D.I.A.N.D. (1985, p. 183-194)

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

105 J



SHELDON LAKE
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurance see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan 1985) and staked before Jan 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan 1985)

Placer Claims in good standing (Jan 1985)

Dredging Leases in good standing (Jan 1985)

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

SHELDON LAKE MAP-AREA (NTS 105 J)

General Reference: GSC Map 12-1961 by:
J.A. Roddick and L.H. Green, 1961.
GSC Open File 212 by:
D.J. Tempelman-Kluit, 1974.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	FULLER	Unclassified	105 J 16	9	
2	BILL	Vein Pb Zn	105 J 1	7	Findlay (1969a, p. 81)
3	PIKE	Porphyry Cu Ag	105 J 2	2	D.I.A.N.D. (1982, p. 149)
4	NORKEN	Unclassified	105 J 2	7	Sinclair et al (1976, p. 169)
5	TAC	Porphyry Cu Mo	105 J 3	7	
6	DRAGON	Skarn, Vein Au Ag	105 J 12	7	This Report
7	MT. SHELDON	Vein Cu	105 J 11	7	Kindle (1945, p. 25)
8	RIDDELL	Unclassified	105 J 12	7	Craig & Milner (1975, p. 105-106)
9	SPEARHEAD (PDM)	Skarn Cu Fe	105 J 13	7	Craig & Milner (1975, p. 33)
10	ROG	Unclassified	105 J 15	7	Craig & Milner (1975, p. 123)
11	CLYDE	Unclassified	105 J 9	7	Craig & Laporte (1972, p. 128)
12	PREVOST	Unclassified	105 J 9	7	Sinclair & Gilbert (1975, p. 118-119); D.I.A.N.D. (1981, p. 195)
13	GUN	Skarn Cu Fe	105 J 16	7	Findlay (1969b, p. 166-167); D.I.A.N.D. (1981, p. 151)
14	ITSI	Vein Ag Pb Zn Cu As Sn	105 J 16	5	D.I.A.N.D. (1981, p. 193)
15	COSTIN	Vein Ag Pb Zn	105 J 16	7	
16	CAROLYN	Coal	105 J 4	7	
17	VARISCITE (MS)	Unclassified	105 J 16	9	Sinclair et al (1975, p. 166-167)
18	HENCH	Vein Pb Zn Ag	105 J 3	7	D.I.A.N.D. (1981, p. 193)
19	PPR	Unclassified	105 J 1	9	D.I.A.N.D. (1981, p. 195)
20	CLINGON	Unclassified	105 J 3	9	D.I.A.N.D. (1981, p. 195)
21	WILSON	Unclassified	105 J 16	9	D.I.A.N.D. (1981, p. 194)
22	EMPTY	Unclassified	105 J 16	9	D.I.A.N.D. (1981, p. 194)
23	TRAFFIC	Vein Ag Pb Zn Cu	105 J 1	7	D.I.A.N.D. (1981, p. 194)
24	PIG	Stratabound Pb Zn Cu Ag	105 J 2	7	Morin et al (1979, p. 93)
25	BOJO	Unclassified	105 J 4	9	Morin et al (1980, p. 71)
26	LH	Unclassified	105 J 1	9	D.I.A.N.D. (1982, p. 151)
27	AM	Porphyry Cu Mo	105 J 4	7	D.I.A.N.D. (1983, p. 137-139)
28	SHERPA	Unclassified	105 J 7	9	D.I.A.N.D. (1982, p. 150,151)
29	DYAK	Unclassified	105 J 9,10	9	D.I.A.N.D. (1982, p. 150,151)
30	RUDY	Unclassified	105 J 10	9	D.I.A.N.D. (1983, p. 137,139)
31	GREGGIE	Unclassified	105 J 1	9	D.I.A.N.D. (1982, p. 150-151)
32	RAGS	Unclassified	105 J 5	9	D.I.A.N.D. (1985, p. 188)
33	WENDY	Float - vein Au Ag	105 J 5	9	D.I.A.N.D. (1985, p. 187)
34	NARL	Unclassified	105 J 6,11	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

NARL
Canamax Resources Inc.
Canada Tungsten Mining
Corporation Ltd.

Lead, Zinc, Copper,
Silver
105 J 6,11 (34)
(62°30'N, 131°07'W)

Reference: D.I.A.N.D. (1984, p. 188).

Claims: NARL 1-40

Source: Summary by D. Downing from assessment reports 091536 by A.C. Hitchins and 091583 by J. Roth.

Current Work and Results:

Pyrrhotite with minor sphalerite, chalcopyrite and galena occurs in narrow veins within two zones of rusty weathering hornfels. Trace chalcopyrite is also visible in small pyroxene-pyrrhotite calc-silicate pods. Soil samples over both zones are geochemically anomalous, with peak values of 1100 ppm Pb, 2200 ppm Zn, 1900 ppm Cu and 17.8 ppm Ag.

A 125.4 km airborne electromagnetic and magnetic survey was flown during 1984. The survey successfully delineated conductors and magnetic features possibly reflective of skarn mineralization.

*****

DRAGON
Canamax Resources Inc.
Canada Tungsten Mining Corporation Limited

Gold, Silver, Copper, Tungsten
Skarn, Vein
105 J 12 (6)
(62° 36'N, 131° 32'W)

Reference: D.I.A.N.D. (1984, p. 187).

Claims: NURF 1-38

Source: Summary by D. Downing from assessment report 091533 by A.C. Hitchins.

History:

The CUB Joint Venture originally staked the area in 1980 to cover copper-tungsten skarns. The present claims were staked in 1983 for gold and silver potential.

Description:

Narrow veins and skarn pods are located in the contact zone of a small quartz monzonite stock intrusive to a southeast-striking sequence of the Hadrynian 'Grit Unit'.

Current Work and Results:

Geological mapping (1:12,000) and geochemical soil sampling were completed over the southeastern portion of the stock and the extensive hornfels zone above the gently-dipping intrusive contact. Three types of mineralization were identified:

a) narrow arsenopyrite-quartz-sericite veins in gritty quartzite.

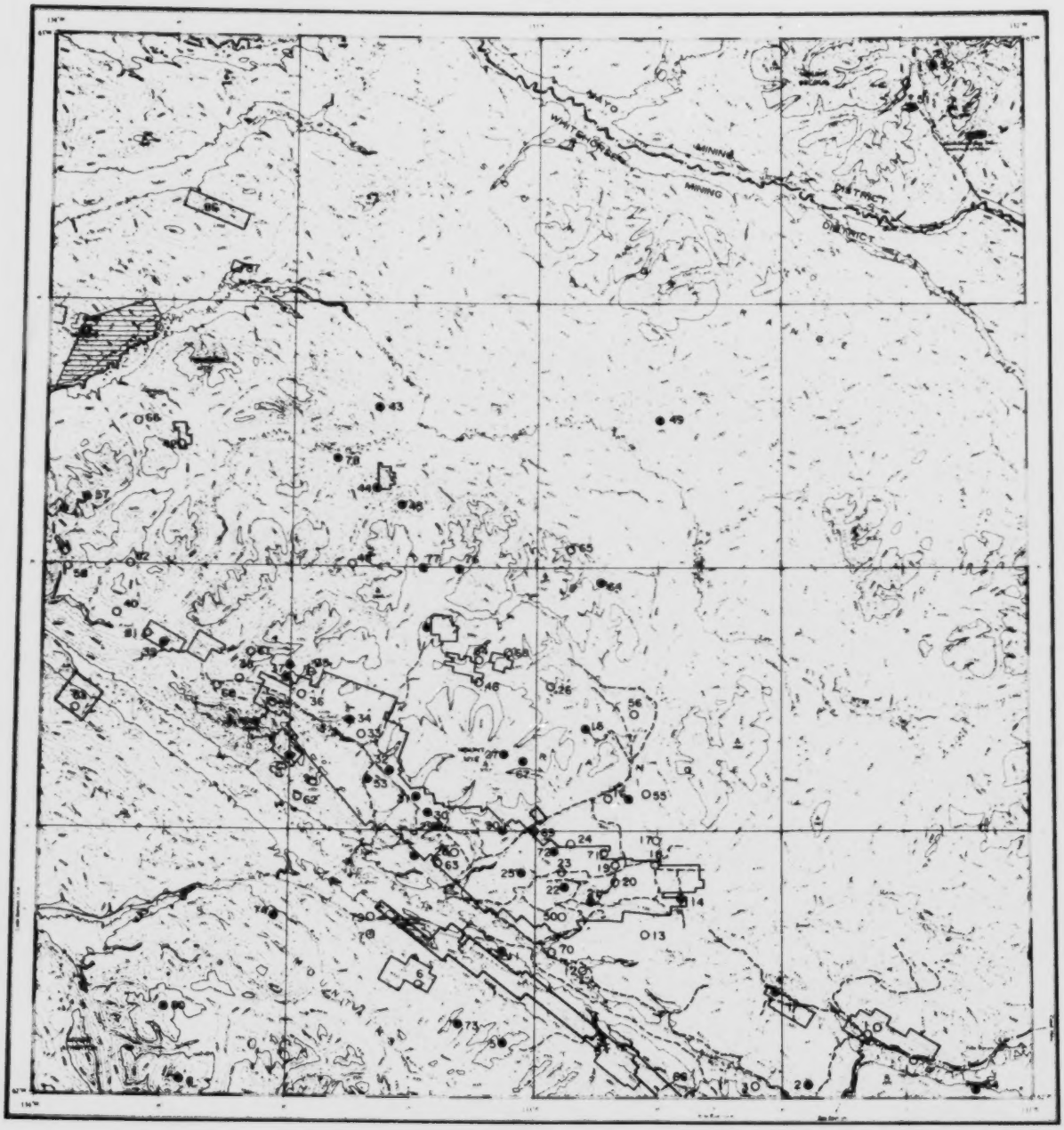
b) quartz-sericite-pyrite±scheelite veins in the sericitized margins of the quartz monzonite.

c) pyrrhotite-pyroxene skarn pods up to 2x5 m in area.

The close spatial association of gold and copper soil anomalies with skarn outcrops suggests most of the gold occurs with chalcopyrite in the small skarn zones.

*****

105 K



TAY RIVER

YUKON TERRITORY

5 0 5 10 15 20 25 30

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

Mineral Deposit or Occurence see Key on facing page

Unmineralized Target.

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984.

Mineral Claims staked in 1984.

Placer Leases in good standing (Jan. 1985).

Placer Claims in good standing (Jan. 1985)

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail

Driveable Road

Oil or Gas Well.

Airstrip.

TAY RIVER MAP-AREA (NTS 105 K)

General Reference: GSC Map 13-1961 by: J.A. Roddick and L.H. Green, 1961.
GSC Open File 212 by: D.J. Tempelman-Kluit, 1974.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	TENAS	Unclassified	105 K 1	9	D.I.A.N.D. (1982, p. 154)
2	RAGS (ROSS RIDGE)	Vein Cu	105 K 1	7	Johnston (1936, p. 18)
3	PEN	Unclassified	105 K 2	9	
4	OLGIE (TER)	Unclassified	105 K 2	7	Sinclair et al (1976, p. 114)
5	FARGO	Stratiform Pb Zn	105 K 3	7	Morin et al (1979,p. 64)
6	LYN	Unclassified	105 K 3	9	D.I.A.N.D. (1981, p. 197)
7	CASCA (RIDGE)	Unclassified	105 K 3	9	Sinclair et al (1975, p. 135-136)
8	THOMAS	Skarn Zn	105 K 4	7	
9	TAKU	Unclassified	105 K 6	9	
10	NESBITT	Occurrence Cu	105 K 3	7	
11	BOBCAT	Limestone Stratabound	105 K 3	7	
12	HOLLY	Unclassified	105 K 2	9	
13	SOCK	Unclassified	105 K 2	9	Findlay (1967, p. 36); D.I.A.N.D. (1983, p. 141,145)
14	SPUR	Unclassified	105 K 2	7	Findlay (1969a, p. 47-48)
15	ADAMSON	Unclassified	105 K 7	7	Tempelman-Kluit (1968, p. 43-52); Sinclair et al (1975, p. 132)
16	BETA	Unclassified	105 K 7	9	Green (1965, p. 36-37)
17	BLIND (FOTO)	Unclassified	105 K 2	9	Findlay (1967, p. 40-41); Sinclair & Gilbert (1975, p. 54)
18	CUB	Unclassified	105 K 2	9	Green (1965, p. 36-37)
19	NASTY	Unclassified	105 K 2	9	Green (1965, p. 36-37); Craig & Milner (1975, p. 92-93)
20	ABRAHAM	Unclassified	105 K 2	9	Craig & Milner (1975, p. 92-93)
21	SEA	Stratiform Pb Zn Ag	105 K 2	7	Green (1965, p. 36-37); D.I.A.N.D. (1982, p. 18,154-155)
22	BS	Stratiform Pb Zn Cu Ag (Ba)	105 K 2	7	Sinclair & Gilbert (1975, p. 58)
23	BLACKWOOD (CIVI)	Unclassified	105 K 2	9	Morin et al (1977, p. 155)
24	BEA (FOX)	Unclassified	105 K 2	9	Findlay (1969a, p. 46-47)
25	SWIM	Stratiform Pb Zn Ag	105 K 3,2, 6,7	2	Tempelman-Kluit (1972, p. 42-43); D.I.A.N.D. (1982, p. 18, 154-155)
26	O'CONNOR	Unclassified	105 K 7	9	Findlay (1967, p. 39-40)
27	MUR	Vein Ag Pb Zn	105 K 6	7	
28	SHRIMP	Unclassified	105 K 3	9	Green (1965, p. 37-38)
29	VANGORDA	Stratiform Pb Zn Ag	105 K 6	2	Tempelman-Kluit (1972, p. 46-47)
30	GRUM	Stratiform Pb Zn Ag	105 K 6	7	D.I.A.N.D. (1983, p. 141-142)
31	KULAN	Stratiform Pb Zn Cu Ag (Ba)	105 K 6	7	Tempelman-Kluit (1972, p. 32)
32	KIM	Unclassified	105 K 6	7	Findlay (1969a, p. 45)
33	LOKO	Unclassified	105 K 6	9	Morin et al (1977, p. 161)
34	FARO	Stratiform Pb Zn Ag	105 K 6	1	This Report
35	FLAGSTONE	Unclassified	105 K 6	9	
36	BRIDEN	Unclassified	105 K 6	9	Findlay (1969a, p. 45)
37	JACOLA	Vein Ag Pb Zn	105 K 5,6	7	
38	CROWN	Unclassified	105 K 5	9	D.I.A.N.D. (1982, p. 155,158)
39	LORNA	Unclassified	105 K 5	7	Morin et al (1979, p. 66)
40	RESERVE	Unclassified	105 K 5	9	Craig & Milner (1975, p. 98-99)
41	COWARD	Occurrence Pb Zn	105 K 12	7	
42	COLT	Unclassified	105 K 12	9	D.I.A.N.D. (1983, p. 141,143)
43	OWL	Vein Ag Pb Zn	105 K 11	7	Craig & Laporte (1972, p. 93-94)
44	KEGLOVIC (HAL)	Unclassified	105 K 11	7	Sinclair et al (1975, p. 133)
45	IVAN (DANA)	Unclassified	105 K 11	7	Sinclair et al (1975, p. 133)
46	SHANNON	Unclassified	105 K 11	9	Findlay (1969a, p. 45)
47	REBEL	Unclassified	105 K 6	6	Craig & Milner (1975, p. 93-95)

48	KANGAROO	Unclassified	105 K 6	9	Sinclair et al (1975, p. 129); D.I.A.N.D. (1983, p. 141,145)
49	TEDDY	Skarn Zn	105 K 10	7	
50	SIROLA	Unclassified	105 K 2	9	
51	LAD	Vein Ag Pb Zn Cu	105 K 16	7	
52	SOLO	Vein Ag Pb Zn Sn Sb	105 K 16	7	Craig & Laporte (1972, p. 97-98)
53	CESSNA	Unclassified	105 K 6	9	
54	CHAPLIN (ARO)	Vein Cu Fe	105 K 1	7	Sinclair et al (1975, p. 137)
55	RUTH	Unclassified	105 K 7	9	D.I.A.N.D. (1981, p. 198)
56	DOT (TEL)	Unclassified	105 K 7	9	D.I.A.N.D. (1981, p. 198)
57	BRAB	Skarn Cu Zn Ag W	105 K 12	7	D.I.A.N.D. (1982, p. 155)
58	FISHHOOK	Unclassified	105 K 5,12	9	D.I.A.N.D. (1982, p. 155-156)
59	HEK	Unclassified	105 K 5	9	Sinclair et al (1976, p. 118)
60	MILTI	Unclassified	105 K 5	9	Sinclair et al (1976, p. 118-119)
61	JOE	Unclassified	105 K 5	9	Sinclair et al (1976, p. 120)
62	TSS	Unclassified	105 K 6	9	Sinclair et al (1976, p. 120)
63	DG	Unclassified	105 K 3	9	Sinclair et al (1976, p. 121)
64	NORK	Stratiform Pb Zn	105 K 7	7	Sinclair et al (1976, p. 124)
65	ZED	Unclassified	105 K 10	9	Sinclair et al (1976, p. 124)
66	LOLO	Unclassified	105 K 12	9	Sinclair et al (1976, p. 126)
67	RAZ	Unclassified	105 K 6	9	Morin et al (1977, p. 160)
68	MING	Unclassified	105 K 6	9	Morin et al (1977, p. 161)
69	CAT	Unclassified	105 K 2,3 6,7	9	Morin et al (1980, p. 45); This Report
70	TAR	Unclassified	105 K 2	9	Morin et al (1979, p. 63)
71	MN	Unclassified	105 K 2	7	D.I.A.N.D. (1983, p. 141,143-144)
72	RACHEL	Unclassified	105 K 2	7	D.I.A.N.D. (1983, p. 141,143-144)
73	SIR JOHN A	Stratiform Pb Zn	105 K 3	7	Morin et al (1980, p. 41)
74	DEV	Stratiform Pb Zn Cu	105 K 4	7	Morin et al (1980, p. 42)
75	URN	Stratiform Ba	105 K 6	5	D.I.A.N.D. (1983, p. 141,144)
76	KD	Unclassified	105 K 6,11	6	Morin et al (1980, p. 44)
77	CON	Unclassified	105 K 6,11	7	Morin et al (1979, p. 68)
78	IRMA	Unclassified	105 K 11	9	Morin et al (1979, p. 68)
79	LOU	Unclassified	105 K 3	9	Morin et al (1980, p. 41)
80	MAY	Skarn Zn Pb (Ag Sn)	105 K 5	9	Morin et al (1980, p. 42)
81	EVA	Unclassified	105 K 5	9	Morin et al (1980, p. 43)
82	LU	Unclassified	105 K 12	9	Morin et al (1980, p. 43-44)
83	DELAY	Unclassified	105 K 5	9	D.I.A.N.D. (1982, p. 156); This Report
84	FOO	Unclassified	105 K 6	9	D.I.A.N.D. (1983, p. 141,144)
85	WAD	Unclassified	105 K 12	9	D.I.A.N.D. (1983, p. 141,144-145)
86	LADY DI	Stratabound Pb Zn Ag	105 K 13	7	D.I.A.N.D. (1983, p. 141,145)
87	CHUCK	Unclassified	105 K 13	9	D.I.A.N.D. (1982, p. 156)
88	GREW CREEK (CANYON)	Unclassified	105 K 2,3	9	This Report
89	HELL	Unclassified	105 K 2	9	D.I.A.N.D. (1985, p. 193)
90	DY	Stratiform Pb Zn Ag	105 K 3,6	2	Tempelman-Kluit (1972, p.); D.I.A.N.D. (1983, p. 143)
91	BEYON	Unclassified	105 K 5	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

GREW CREEK
Hudson Bay Exploration and Development Co. Ltd.
A. Carlos

Gold
105 K 2,3 (88)
(62°06'N,133°05'W)

Reference: D.I.A.N.D.(1985, p. 192,193).

Claims: CANYON 1-320, GRAND 1-162

Source: Summary by D. Downing from assessment reports 091543, 091587, 091611 by R. Stroshein.

History:

The original CANYON claims were staked by A. Carlos in 1983 to cover a silicified and altered, gold-bearing, rhyolite outcrop. The claims were optioned to Hudson Bay Exploration and Development Company Limited the same year. A. Carlos maintains an interest in the property.

Description:

Disseminated gold mineralization is associated with chalcedony-quartz-calcite vein breccias at Grew Creek. Host rocks include Tertiary subaerial rhyolite flow breccia intercalated with lithic tuff. They are characterized by pervasive alteration. Two pre-mineralization, post-Permian faults intersect near the occurrence, which is located next to the Grew Creek Fault within a graben defined by the Grew Creek Fault to the south and the Danger Creek fault to the north. Tertiary deposition within the graben is dominated by volcanic rocks along the southern margin and immature sandstone and shale to the north. Permian metasedimentary rocks form resistant ridges south of the Grew Creek Fault whereas Permian massive limestone and basalt occur north of the Danger Creek Fault.

Current Work and Results:

Two phases of property work consisted of evaluation of the occurrence via trenching and diamond drilling and systematic regional exploration along the graben structure for similar targets.

Ten hand, bulldozer and backhoe trenches and 1732 m of diamond drilling in 13 holes were completed along a 600 m length subparallel to the Grew Creek Fault. All of the physical work has been performed on the CANYON 1-4 claims.

Regional exploration on the claim group saw geophysical, geochemical and geological mapping/ prospecting surveys conducted over a grid with 100 m x 25 m spacing. The 20 km base line runs from Grew Creek to the Blind Creek Road. VLF-EM was effective in delineating major structures and indicated several anomalies. A total of 109 km of survey was completed. The 69 km of magnetometer surveying outlined mafic volcanic units and allowed discrimination between Permian and Tertiary volcanic rocks. Geochemical surveying of the belt was accomplished through the collection and analysis of 56 rock, 50 soil/silt samples and heavy mineral concentrates. All samples from the geochemical surveys were analyzed for Ag, As and Hg. Rock and soil/silt samples were checked for Au and soil/silt and panned samples were checked for Pb.

*****

BEYON

Hudson Bay Exploration Development Company Ltd.

105 K 5 (91)
(62° 23'N, 133° 55'W)

Reference: D.I.A.N.D. (1982 p. 156).

Claims: BEYON 1-64

Source: Summary by D.A. Downing from assessment report 091597 by R. Stroshein.

History:

The BEYON claims were staked in 1984 to cover a quartz vein located by A. Carlos, on the south bank of the Pelly river. The claim group also covers the DELAY(83), which was originally staked by Amax of Canada Ltd. on a nearby tributary to the river.

Description:

The claims cover a series of northwesterly-trending, vertical fault bounded blocks. Early Paleozoic phyllite is overlain by Permian mafic to intermediate volcanics and associated sedimentary rocks. Small Tertiary (Cretaceous?) felsic plugs are associated with minor crystal tuff and are intrusive into the phyllites and volcanics along the fault zones. Local rust stained alteration halos surround the intrusions up to several meters into the country rock.

The BEYON quartz vein on the south bank of the Pelly River is hosted by light green chlorite phyllite. The vein is deformed and disrupted by faulting and occurs within a 5 m wide sericite alteration zone.

Current Work and Results:

The claims were geologically mapped at 1:10000 scale and heavy mineral samples were collected in the creeks. Magnetometer and VLF-EM surveys were conducted in the immediate area of the quartz vein, a grab sample of which ran 265 ppm Pb, 4.1 ppm Ag, 800 ppm As, 10 ppb Hg and 130 ppb Au.

*****

FARO
Cyprus Anvil Mining Corp.

Lead, Zinc, Silver
105 K 6 (34)
(62° 22'N,133° 23'W)

Reference: D.I.A.N.D. (1985 p. 192).

Claims: FARO

Source: Summary by D.A. Downing from exploration summary and assessment report 091610 by R.S. Tolbert.

Current Work and Results:

Diamond drilling during 1984 consisted of 4246 m of NQ drilling in 29 vertical holes to test a southwesterly extension of the main FARO ore body and to define ore reserves in FARO ZONE III.

*****

1984 MINERAL CLAIMS STAKED

GREW CREEK
Hudson Bay Exploration & Development Co. Ltd.

105 K 2,3, 105 F 15 (88)
(62°06'N, 133°05'W)

Claims 1984: CANYON 41-320, GRAND 1-162

DELAY
Hudson Bay Exploration & Development Co. Ltd.

105 K 5 (83)
(62°22'N, 133°56'W)

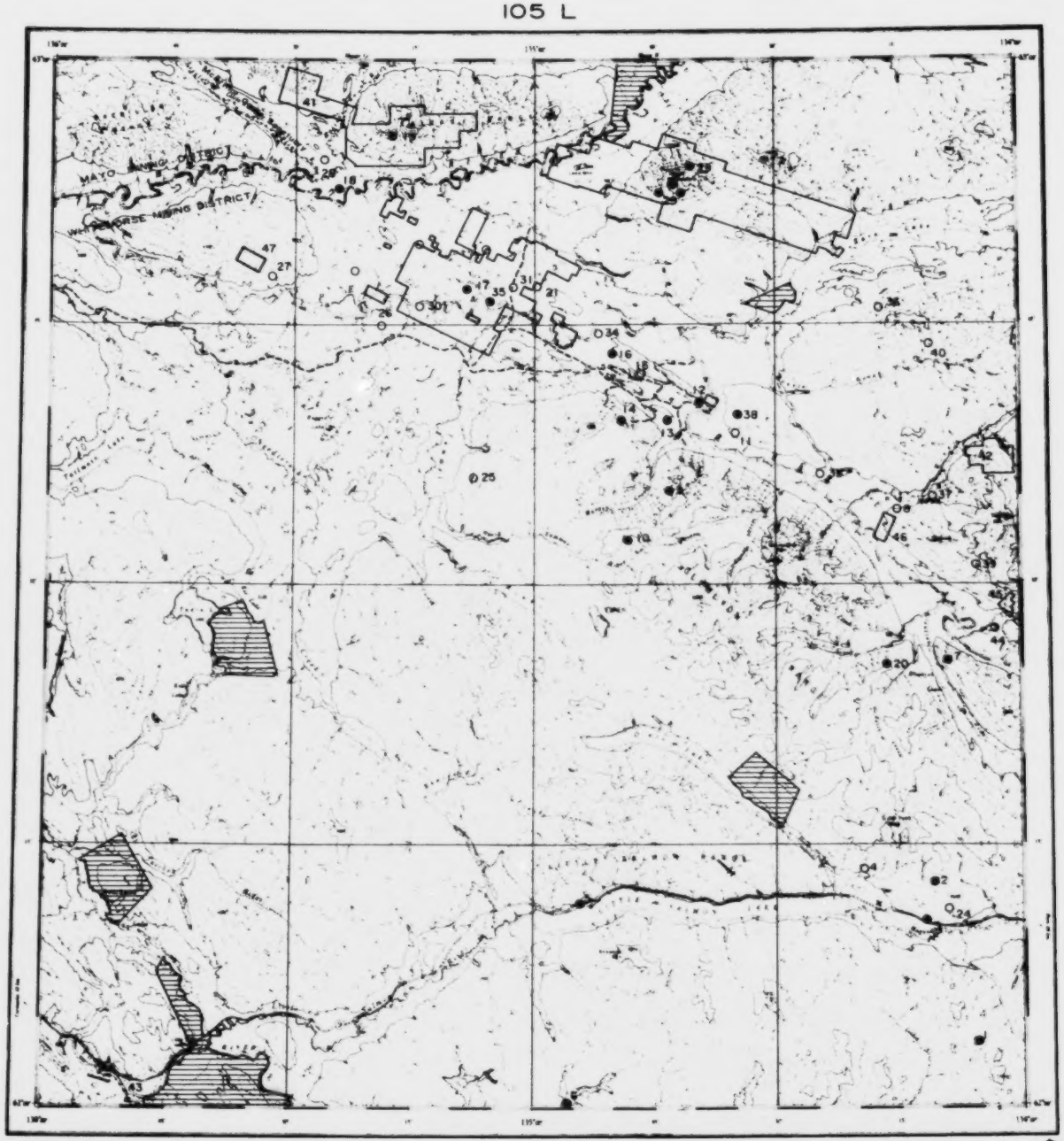
Claims 1984: BEYON 1-64

CAT
Starlight Energy

105 K 7 (69)
(62°16'N, 133°00'W)

Claims 1984: CAT 1-8

105 L



GLENYON

YUKON TERRITORY

5 0 5 10 15 20 25 30

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurance see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985)

Placer Claims in good standing (Jan. 1985)

Dredging Leases in good standing (Jan. 1985)

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

GLENLYON MAP-AREA (NTS 105 L)

General Reference: GSC Map 1221A and Memoir 352 by:
R.B. Campbell, 1967.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATU	REFERENCE
1	LOKKEN	Skarn Zn	105 L 1	7	
2	LITTLE SALMON	Skarn Zn Pb (Ag Sn)	105 L 1	7	Green (1965, p. 38-40)
3	MOULE	Unclassified	105 L 1	9	Campbell (1967, p. 81); D.I.A.N.D. (1982, p. 163)
4	TRUITT	Unclassified	105 L 1	9	
5	BRANDY	Unclassified	105 L 2	9	Campbell (1967, p. 81)
6	JUMPONT	Coal	105 L 2	7	Craig & Laporte (1972, p. 156)
7	GLENLYON LAKE	Vein Cu Pb	105 L 8	7	
8	HODDER	Unclassified	105 L 9	9	
9	HARVEY	Vein Cu	105 L 10	7	Johnston (1936, p. 18)
10	TUMMEL	Unclassified	105 L 10	9	Campbell (1967, p. 81)
11	MUIR	Unclassified	105 L 10	9	D.I.A.N.D. (1981, p. 200)
12	HUB	Unclassified	105 L 10	7	Findlay (1969b, p. 28-29); D.I.A.N.D. (1983, p. 147,150)
13	SEARFOSS	Unclassified	105 L 10	7	Findlay (1969b, p. 28-29)
14	FRONT	Vein Cu Ag	105 L 10	7	
15	GE	Unclassified	105 L 10	9	D.I.A.N.D. (1981, p. 200)
16	McCOWAN	Unclassified	105 L 10	7	Findlay (1969b, p. 28-29)
17	CLEAR LAKE	Stratiform Pb Zn Ag Ba	105 L 14	6	This Report
18	DUO	Coal	105 L 14	7	
19	MACARTHUR	Occurrence Mo Cu W	105 L 14	7	D.I.A.N.D. (1983, p. 147-148)
20	FELIX	Skarn Zn	105 L 8	7	Sinclair et al (1976, p. 126)
21	KELLY	Unclassified	105 L 15,14	9	
22	TREDGER	Unclassified	105 L 14	9	
23	CONWEST	Unclassified	105 L 14	9	
24	DRURY	Skarn Zn Pb Ag	105 L 1	7	D.I.A.N.D. (1983, p. 147-149)
25	PETER	Unclassified	105 L 11	9	D.I.A.N.D. (1981, p. 201)
26	GRAF	Unclassified	105 L 11,14	9	D.I.A.N.D. (1981, p. 201)
27	HUGH	Unclassified	105 L 13	9	D.I.A.N.D. (1981, p. 201)
28	HANK	Unclassified	105 L 14	9	D.I.A.N.D. (1981, p. 201-202)
29	ONE HUMP	Skarn Cu W, Stratiform Ba, Vein Ag Pb Zn	105 L 15	5	D.I.A.N.D. (1985, p. 196-197)
30	TUM	Unclassified	105 L 14	9	D.I.A.N.D. (1985, p. 197)
31	PELLY	Unclassified	105 L 14	9	D.I.A.N.D. (1981, p. 202)
32	SAP	Unclassified	105 L 9	9	D.I.A.N.D. (1981, p. 202)
33	RSVP	Unclassified	105 L 14	9	D.I.A.N.D. (1981, p. 202)
34	WHIP	Unclassified	105 L 10	9	D.I.A.N.D. (1981, p. 202)
35	HACHEY	Occurrence Pb Zn Cu	105 L 14	7	
36	JAR	Stratiform Ba	105 L 16	7	D.I.A.N.D. (1983, p. 147,149)
37	LOBO	Unclassified	105 L 9	9	Sinclair et al (1976, p. 127)
38	END	Vein Cu	105 L 10	7	Sinclair et al (1976, p. 128)
39	AM-PM	Unclassified	105 L 9	9	Morin et al (1980, p. 45)
40	RABBIT	Unclassified	105 L 9	9	D.I.A.N.D. (1985, p. 197)
41	BUM	Unclassified	105 L 14	9	D.I.A.N.D. (1985, p. 197-198)
42	SUE	Occurrence Pb Zn	105 L 9	7	D.I.A.N.D. (1985, p. 198)
43	DAMBUSTER	Unclassified	105 L 4	9	D.I.A.N.D. (1985, p. 198)
44	MARK	Unclassified	105 L 8	9	D.I.A.N.D. (1985, p. 198)
45	TAY	Unclassified	105 L 8, 105 K 5	9	D.I.A.N.D. (1985, p. 198)
46	AM	Unclassified	105 L 9,8	9	D.I.A.N.D. (1985, p. 198)
47	GAL	Unclassified	105 L 13	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

CLEAR LAKE
Getty Canadian Metals Ltd.

Lead, Zinc, Silver
Barite
105 L 15 (17)
(62° 48'N, 134° 57'W)

Reference: D.I.A.N.D. (1985 p. 196).

Claims: SUE

Source: Summary by D.A. Downing from assessment report 091554 by D.R. Hawke.

Current Work and Results:

One 460 m NQ diamond drill hole was completed to test the down dip extension of the main sulphide zone. Geologic data from the hole indicates that the sulphide zone is fault truncated at depth. Three miles of line cutting was done to extend and fill in the previously cut grid.

*****

1984 MINERAL CLAIMS STAKED

GAL
S. Young
R. Sheldrake

105 L 13 (47)
(62°48'N, 135°35'W)

Claims 1984: GAL 1-24

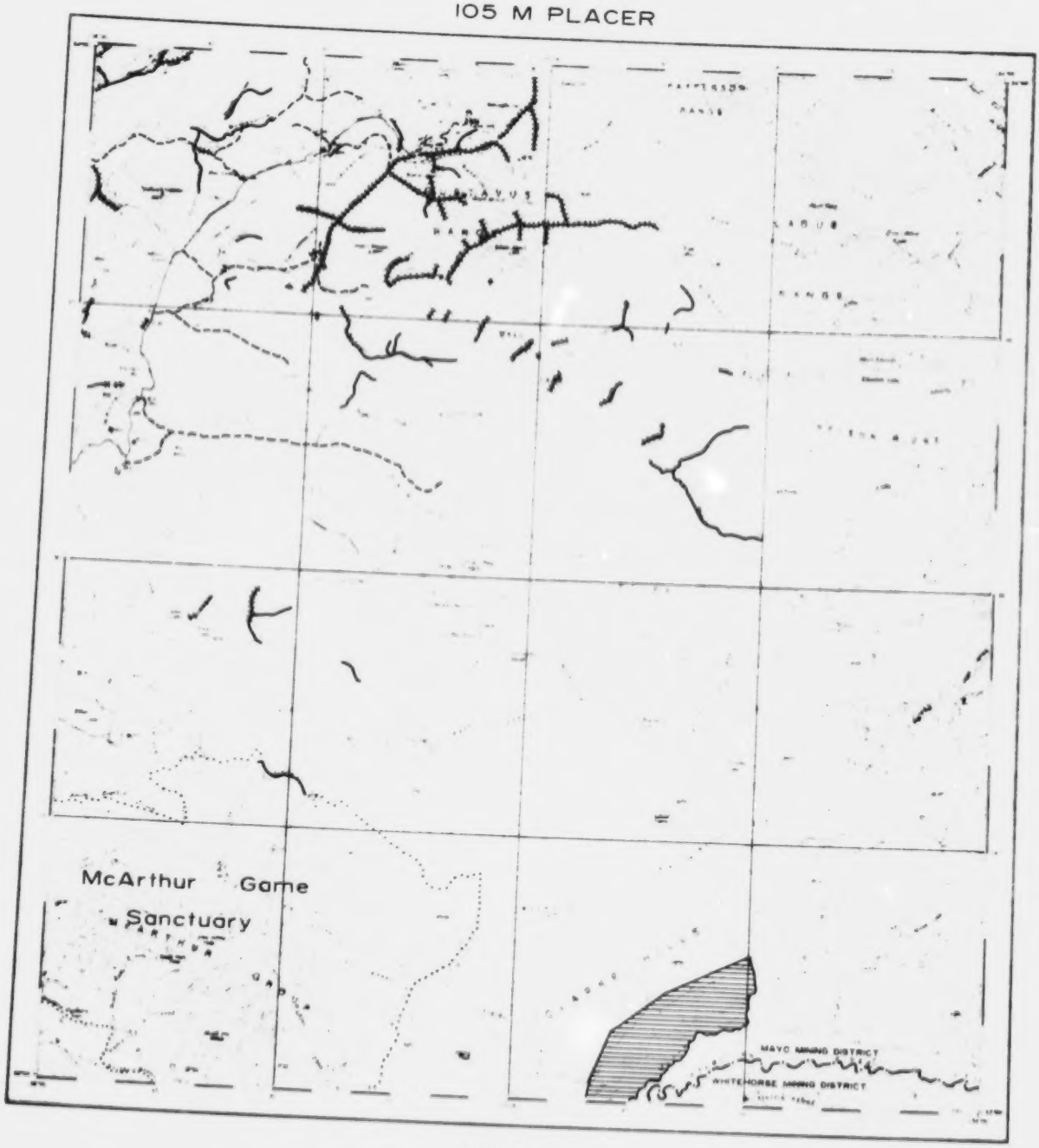
CLEAR LAKE
Getty Mines Ltd.

105 L 14 (17)
(62°45'N, 135°10'W)

Claims 1984: GAP 1-4 Fractions

NOTES

105 M PLACER



MAYO
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

Mineral Deposit or Occurance see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1988) and staked before Jan. 1984

Mineral Claims staked in 1984

CEL Coal Exploration Licence

CML Coal Mining Lease

Placer Leases in good standing (Jan. 1988)

Placer Claims in good standing (Jan. 1988)

Dredging Leases in good standing (Jan. 1988)

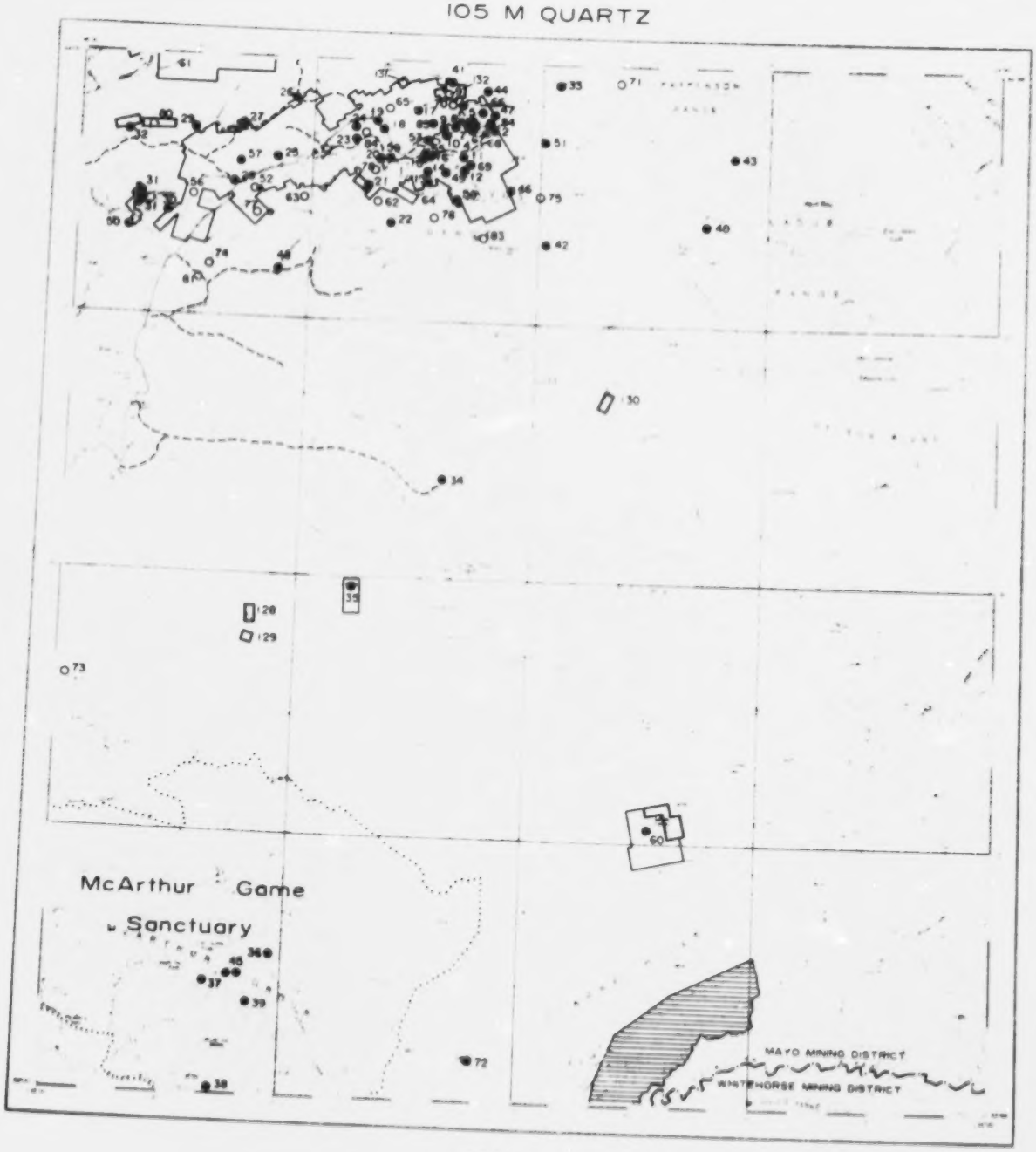
Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

105 M QUARTZ



MAYO
YUKON TERRITORY

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurrence (see key on following page)

Mineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985)

Placer Claims in good standing (Jan. 1985)

Dredging Leases in good standing (Jan. 1985)

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Drivable Road

Dirt or Gas Well

Airstrip

MAYO MAP-AREA (NTS 105 M)

General Reference: GSC Map 890A by: H.S. Bostock, 1947.
GSC Open File 710 by: M.P. Cecile, 1980.
Bulletin 111 by: R.W. Boyle, 1965.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	UNITED KENO HILL	Vein Ag Pb Zn	105 M 14,13	1	D.I.A.N.D. (1985, p. 206-209); This Report
2	FAITH	Vein Ag Pb	105 M 14	7	D.I.A.N.D. (1981, p. 206)
3	DUNCAN	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 56)
4	GOLD QUEEN	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 52); Green (1966, p. 18-19)
5	SILVER BASIN	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 51)
6	NABOB #2	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 51); D.I.A.N.D. (1985, p. 209)
7	LADUE FRACTION	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 40)
8	COMSTOCK	Vein Ag Pb Zn	105 M 14	3	Boyle (1965, p. 39,40,42); Green (1966, p. 15)
9	APEX	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 42-43)
10	VANGUARD	Vein Ag Pb Zn	105 M 14	4	Green & Godwin (1963, p. 11); Boyle (1965, p. 47)
11	HOMESTAKE	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p.52-53); Findlay (1967, p. 22)
12	CHRISTINE	Vein Ag Pb Zn	105 M 14	7	Findlay (1969a, p. 25)
13	MO	Vein Ag Pb Zn	105 M 14	7	
14	MAYBRUN	Vein Au Ag	105 M 14	7	D.I.A.N.D. (1981, p. 206)
15	HOGAN	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 46-47)
16	RUNER	Vein Ag Pb Zn	105 M 14	4	Boyle (1965, p. 46-47)
17	WERNECKE	Vein Ag Pb Zn	105 M 14	7	Findlay (1969b, p. 12)
18	FORMO	Vein Ag Pb Zn	105 M 14	3	D.I.A.N.D. (1982, p. 167); This Report
19	PADDY	Vein Ag Pb Zn	105 M 14	3	Craig & Laporte (1972, p. 14)
20	EAGLE	Vein Ag Pb Zn	105 M 14	5	D.I.A.N.D. (1981, p. 206)
21	FISHER	Unclassified	105 M 14	9	D.I.A.N.D. (1981, p. 207); This Report
22	PARENT	Unclassified	105 M 14	9	D.I.A.N.D. (1982, p. 169)
23	CREAM AND JEAN	Vein Ag Pb Zn	105 M 14	4	Boyle (1965, p. 78)
24	NORD	Vein Ag Pb Zn	105 M 14	7	Craig & Laporte (1972, p. 13-14)
25	GERLITZKI	Vein Ag Pb Zn	105 M 13	7	Green & Godwin (1963, p. 8); D.I.A.N.D. (1982, p. 165)
26	UR	Vein Ag Pb Zn	105 M 13	7	Green & Godwin (1964, p. 13); D.I.A.N.D. (1982, p. 165); D.I.A.N.D. (1985, p. 209)
27	SHANGHAI	Vein Ag Pb Zn	105 M 13	5	Findlay (1967, p. 24-25); D.I.A.N.D. (1985, p. 209); This Report
28	WAYNE	Skarn Zn Pb, Vein W Au Ag	105 M 13	6	D.I.A.N.D. (1985, p. 202,206)
29	ARGENT	Vein Ag Pb Zn	105 M 13	7	D.I.A.N.D. (1981, p. 211)
30	STREBCHUCK (JOUMBIRA)	Vein Ag Pb Cu Sn W	105 M 13	7	D.I.A.N.D. (1983, p. 151,156-157)
31	MT. HALDANE	Vein Ag Pb	105 M 13	5	D.I.A.N.D. (1981, p. 207,211)
32	LAYSIER	Vein Ag Pb Zn	105 M 13	7	D.I.A.N.D. (1981, p. 211); D.I.A.N.D (1985, p. 209); This Report
33	COBALT	Vein Ag Pb Zn	105 M 15	7	Green (1971, p. 61)
34	GORDON	Vein unclassified (includes Sb, Ba, Mn)	105 M 11	6	Sinclair & Gilbert (1975, p. 16-17)
35	TWO BUTTES	Skarn W	105 M 6	7	Garrett (1971); D.I.A.N.D. (1982, p. 167)
36	SIDE SLIP	Skarn Cu	105 M 4	7	
37	PIMA	Skarn W Cu Zn	105 M 4	7	
38	HOT SPRING	Vein Ag Pb	105 M 4	7	

39	LOST WERNECKE COPPER	Unclassified	105 M 4	7	
40	ROOP	Skarn W Cu	105 M 15	7	Little (1959, p. 36-37)
41	MOON	Vein Ag Pb	105 M 14	7	D.I.A.N.D. (1982, p. 169)
42	MT. ALBERT	Vein Ag Pb	105 M 15	7	
43	McKIM	Vein Ag Pb	105 M 15	7	
44	NERO	Vein Ag Pb	105 M 14	7	
45	FREISEN	Skarn Cu W Mo Ag Au	105 M 4	7	
46	MT. HINTON	Vein Ag Pb Zn	105 M 14	7	Findlay (1969a, p. 23)
47	AVENUE	Unclassified	105 M 14	9	Craig & Milner (1975)
48	CHANCE	Vein Sb	105 M 13	7	
49	YONO	Vein Ag Pb	105 M 14	7	
50	SUNDOWN	Unclassified	105 M 13	9	D.I.A.N.D. (1981, p. 211)
51	GUSTAVUS	Vein Ag Pb	105 M 15	7	
52	NEWRY	Unclassified	105 M 13	9	
53	CHRISTAL	Vein Ag Pb	105 M 14	7	D.I.A.N.D. (1981, p. 208)
54	SEGSWORTH	Vein Ag Pb Zn	105 M 14	4	
55	IRONCLAD	Vein Ag Pb Zn	105 M 14	7	
56	SINISTER	Unclassified	105 M 13	9	D.I.A.N.D. (1981, p. 208); D.I.A.N.D. (1983, p. 151,158)
57	ZAP	Vein Ag Pb Zn	105 M 13	7	D.I.A.N.D. (1982, p. 168)
58	W	Unclassified	105 M 14	9	D.I.A.N.D. (1981, p. 209)
59	AZTEC	Unclassified	105 M 14	9	
60	KALZAS (FLO)	Vein W	105 M 7	7	D.I.A.N.D. (1985, p. 208); This Report
61	WEASEL	Unclassified	105 M 13	9	D.I.A.N.D. (1981, p. 211)
62	FEEBLE	Unclassified	105 M 14	9	D.I.A.N.D. (1981, p. 211)
63	CLEAVES	Unclassified	105 M 13	9	D.I.A.N.D. (1981, p. 211)
64	ROSS	Unclassified	105 M 14	9	D.I.A.N.D. (1981, p. 211); D.I.A.N.D. (1982, p. 169)
65	GAMBLER	Unclassified	105 M 14	9	D.I.A.N.D. (1981, p. 209)
66	BE NO. 1	Vein Ag Pb Zn	105 M 14	7	D.I.A.N.D. (1982, p. 168)
67	BE NO. 2	Vein Ag Pb Zn	105 M 14	7	D.I.A.N.D. (1982, p. 168)
68	BE NO. 3	Vein Ag Pb Zn	105 M 14	7	D.I.A.N.D. (1983, p. 151,157)
69	BE NO. 4	Vein Ag Pb Zn	105 M 14	7	D.I.A.N.D. (1983, p. 151,157)
70	DIAMOND	Vein Ag Pb Zn	105 M 14	9	D.I.A.N.D. (1981, p. 210); This Report
71	HEART	Unclassified	105 M 15	9	Morin et al (1980, p. 8)
72	DOPE	Unclassified	105 M 3	9	D.I.A.N.D. (1982, p. 168); D.I.A.N.D. (1983, p. 151,157)
73	DRILL	Unclassified	105 M 5	9	D.I.A.N.D. (1982, p. 169); D.I.A.N.D. (1983, p. 151,157)
74	SWIFT BANANAS	Unclassified	105 M 13	9	D.I.A.N.D. (1982, p. 169)
75	TUF	Unclassified	105 M 15,14	9	D.I.A.N.D. (1982, p. 169)
76	LEETEE	Unclassified	105 M 14	9	D.I.A.N.D. (1982, p. 169)
77	ISABEL	Unclassified	105 M 13	9	D.I.A.N.D. (1982, p. 169);
78	GOLDEN DUKE	Unclassified	105 M 14	9	D.I.A.N.D. (1983, p. 151,158)
79	ORE	Unclassified	105 M 14	9	D.I.A.N.D. (1983, p. 151,158) D.I.A.N.D. (1983, p. 151,158);
80	ARGENT	Unclassified	105 M 13	9	This Report D.I.A.N.D. (1985, p. 209);
81	NO CREEK	Unclassified	105 M 13	9	This Report
82	MAG	Unclassified	105 M 13	9	D.I.A.N.D. (1985, p. 209)
83	HIKE	Unclassified	105 M 14	9	This Report
84	SWENSON LEASES	Unclassified	105 M 14	9	D.I.A.N.D. (1985, p. 209)
85	SADIE-LADUE	Vein Ag Pb	105 M 14	1	D.I.A.N.D. (1985, p. 208)
86	SILVER KING	Vein Ag Pb (Zn)	105 M 13	4	D.I.A.N.D. (1985, p. 208-209)
87	HUSKY (UKM)	Vein Ag Pb	105 M 13	1	Nat. Min. Inv., 105 M 13, AG 1
88	REX	Vein Au Ag Pb Sb (Zn)	105 M 13	5	Nat. Min. Inv., 105 M 13, AG 7
89	RUBY FRACTION (UKM)	Vein Ag Pb	105 M 14	1	Nat. Min. Inv., 105 M 13, AG 4 Nat. Min. Inv., 105 M 14, AG 7
90	KLONDYKE-KENO (BLUE ROCK)	Vein Ag Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 8
91	TOWNSITE	Vein Ag Pb Zn	105 M 14	4	
92	HIGHLANDER, CUB & BUNNY	Vein Ag Pb (Zn)	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 18 Nat. Min. Inv., 105 M 14, AG 13
93	BLACK CAP & SHEPPARD (UKM)	Vein Ag Pb	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 15
94	BELLEKENO MINE	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 16

95	HECTOR-CALUMET	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 19
96	MOTH	Vein Ag Zn Pb	105 M 14	2	Nat. Min. Inv., 105 M 14, AG 20
97	NO CASH	Vein Ag Pb Zn	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 21
98	CARIBOU	Vein Ag Pb	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 24
99	BERMINGHAM MINE (ARCTIC & MASTIFF)	Vein Ag Pb	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 25
100	SHAMROCK	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 26
101	DIXIE	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 29
102	GAMBLER	Vein Ag Pb	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 30
103	ELSA	Vein Ag Pb (Zn)	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 32
104	KENO MINE	Vein Ag Pb (Zn)	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 31
105	ONEK	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 33
106	LUCKY QUEEN	Vein Ag Pb (Zn)	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 34
107	GALKENO	Vein Ag Pb	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 38
108	DRAGON	Vein Ag Pb Zn	105 M 14	5	Nat. Min. Inv., 105 M 14, AG 40
109	CROESUS	Vein Ag Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 42
110	LAKE	Vein Ag Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 44
111	DEVON	Vein Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 28
112	KIJO	Vein Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 45
113	BLUEBIRD	Vein Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 46
114	TIN CAN	Vein Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 47
115	DUNCAN CREEK	Vein Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 48
116	STONE	Vein Ag (Pb Zn)	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 50
117	NO.1 VEIN FAULT	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 51
118	HELEN FRACTION	Vein Ag Pb (Sb)	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 53
119	GOLD HILL NO.2	Vein Ag (Pb Zn)	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 54
120	FOX	Vein Ag Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 55
121	ALICE	Vein Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 57
122	DIVIDE	Vein Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 58
123	OK	Vein Ag Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 62
124	PORCUPINE	Vein Ag	105 M 14	2	
125	RUNNER	Vein Ag	105 M 14	4	
126	BETTY	Vein Ag Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG ?
127	CRO-MUR (GAMBLER)	Vein Ag Pb	105 M 14	5	Nat. Min. Inv., 105 M 14, AG 37
128	WHITEMAN	Unclassified	105 M 5	9	This Report
129	GEM	Unclassified	105 M 5	?	This Report
130	BIRGIT	Unclassified	105 M 10	?	This Report
131	SEC	Unclassified	105 M 14	9	This Report
132	MAUREEN	Unclassified	105 M 14	?	This Report

The Keno Hill area is host to numerous occurrences - too many to depict sensibly on the common map scale used in this part. The larger scale maps below show all precious metal occurrences and veins in the area. Vein distribution is after Gleeson and Boyle (1980). Showings 86 and on are not depicted on the index map 105 M, but are shown below in the inset map.

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

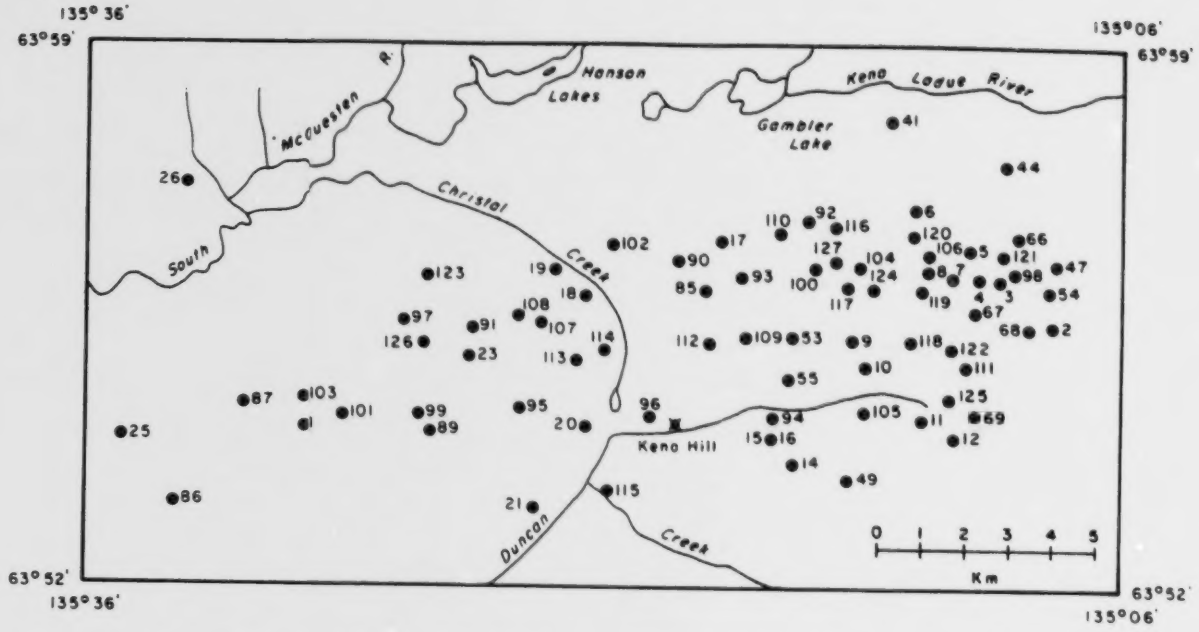


Figure shows generalized distribution of mines and prospects in the Keno Hill area.

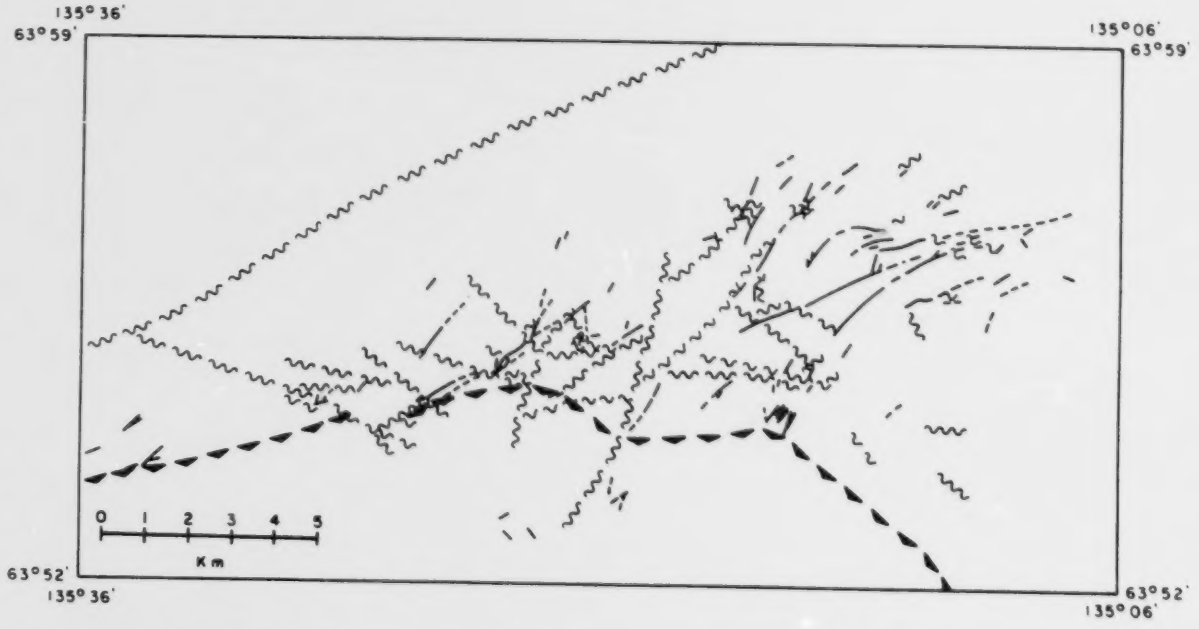


Figure shows generalized distribution of veins (solid and dashed lines), faults (wavy lines) and thrust fault (line with teeth) in the Keno Hill area. Modified after Gleeson and Boyle (1980).

MAG

Island Mining & Exploration Co. Ltd.

105 M 13 (82)
(63°50'N,135°44'W)

Reference: D.I.A.N.D. (1985 p. 203, 209).

Claims: SIN 1-42; MAG 1-32

Source: Summary by D. Emond from assessment report 091538 by T.M. Elliotte.

History:

The claims were staked in 1983.

Current Work and Results:

Diamond drilling on the SIN and MAG claims in 1984 consisted of five NQ holes, three on the SIN 7, 10 and 24 totalling 224.32 m, and two on the MAG 11 and 24 totalling 216.55 m. This tested for skarn believed to be associated with magnetic anomalies. The rocks were mainly intercalated quartzite, sericite-, phyllite- and graphite-schist, quartzite with minor limestone, amphibolite, and rhyolite (quartz porphyry) sill rock. Some concordant quartz lenses and minor veining and fault breccia zones were located, and up to 1 % pyrrhotite and pyrite were mostly disseminated in the schists. The graphite schists are believed responsible for the magnetic anomalies.

*****

1984 MINERAL CLAIMS STAKED

WHITEMAN — 105 M 5 — (128)
D. Sabo — (63°27'N, 135°31'W)

Claims 1984: WHITEMAN 1-8

GEM — 105 M 5 — (129)
W. Tuck — (63°26'N, 135°31'W)

Claims 1984: GEM 1-4

KALZAS (FLO) — 105 M 7 — (60)
Union Carbide Exploration Corp. — (63°16'N, 134°41'W)

Claims 1984: ITE 1-31

BIRGIT — 105 M 10 — (130)
B. Liske — (63°41'N, 134°51'W)

Claims 1984: BIRGIT 1-8

SHANGHAI — 105 M 13 — (27)
B.J. Stewart — (63°56'N, 135°40'W)

Claims 1984: LAURA 7-9

LAYSIER — 105 M 13 — (32)
Mosaic Resources Ltd. — (63°56'N, 135°54'W)

Claims 1984: LAZIER 1-16

ARGENT — 105 M 13 — (80)
Mosaic Resources Ltd. — (63°56'N, 135°50'W)

Claims 1984: ARGENT 9-24

UNITED KENO HILL — 105 M 14 — (1)
United Keno Hill Mines Ltd. — (63°05'N, 135°20'W)

Claims 1984: LADIE FR 1, DAWN 5-8, GALENA FR 1, Ray 1, T 1-2

FORMO — 105 M 14 — (18)
N. Bunka — (63°56'N, 135°19'W)

Claims 1984: HACIENDA, HACIENDA FR.

FISHER — 105 M 14 — (21)
N. Bunka — (63°53'N, 135°23'W)

Claims 1984: DRY 1-8

DIAMOND — 105 M 14 — (70)
R. Hollaway — (63°58'N, 135°12'W)

Claims 1984: TWO MORE 1

ORE — 105 M 14 — (79)
W. Malicky — (63°58'N, 135°12'W)

Claims 1984: MT 1-4, MONDAY 1-4

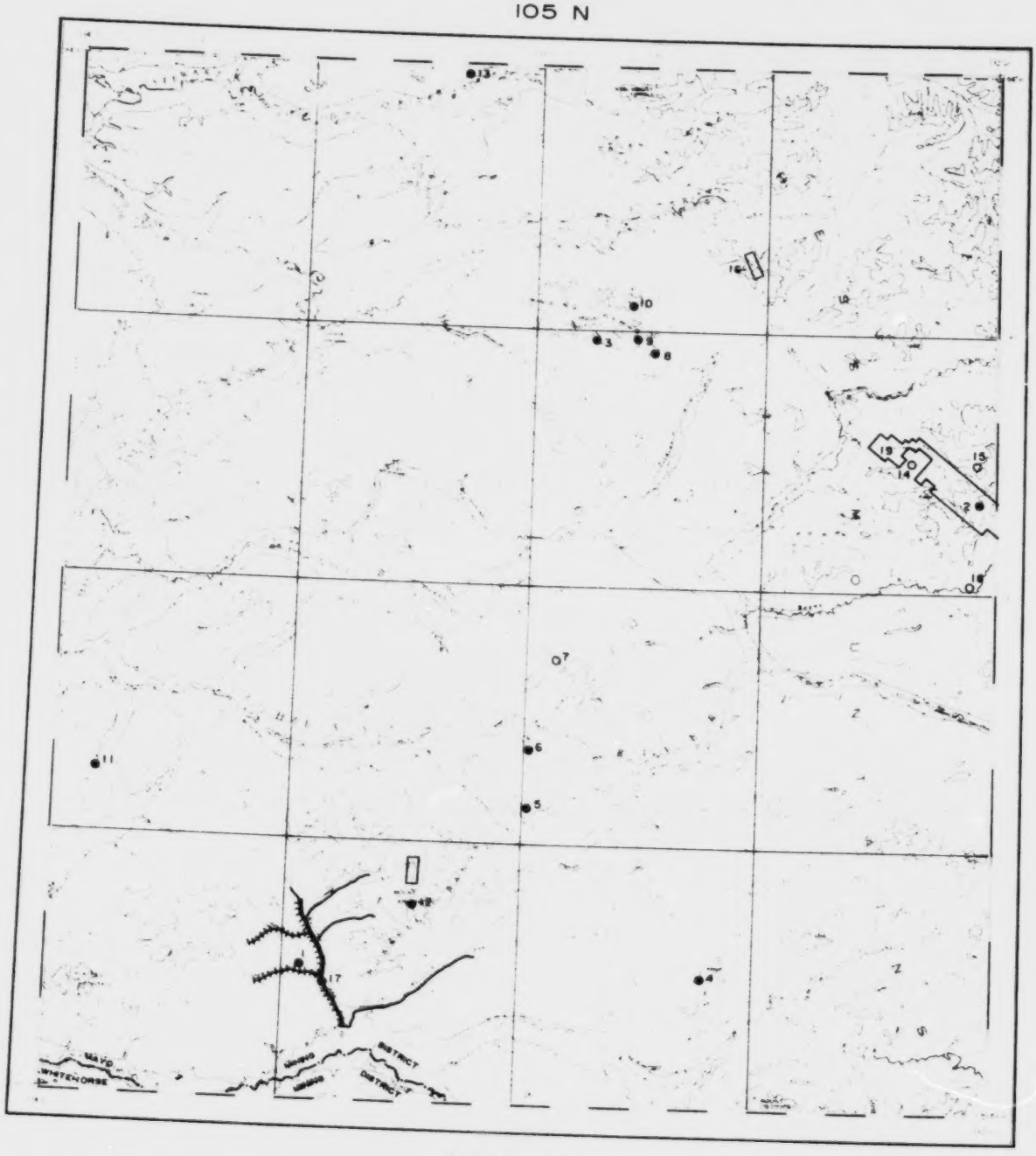
SEC — 105 M 14 — (131)
W. Malicky — (63°09'N, 135°18'W)

Claims 1984: SEC 1-4

MAUREEN — 105 M 14 — (132)
P. Crowe — (63°58'N, 135°10'W)

Claims 1984: MAUREEN 1-6

NOTES



LANSING
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurance see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan 1985).

Placer Claims in good standing (Jan 1985).

Dredging Leases in good standing (Jan 1985).

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

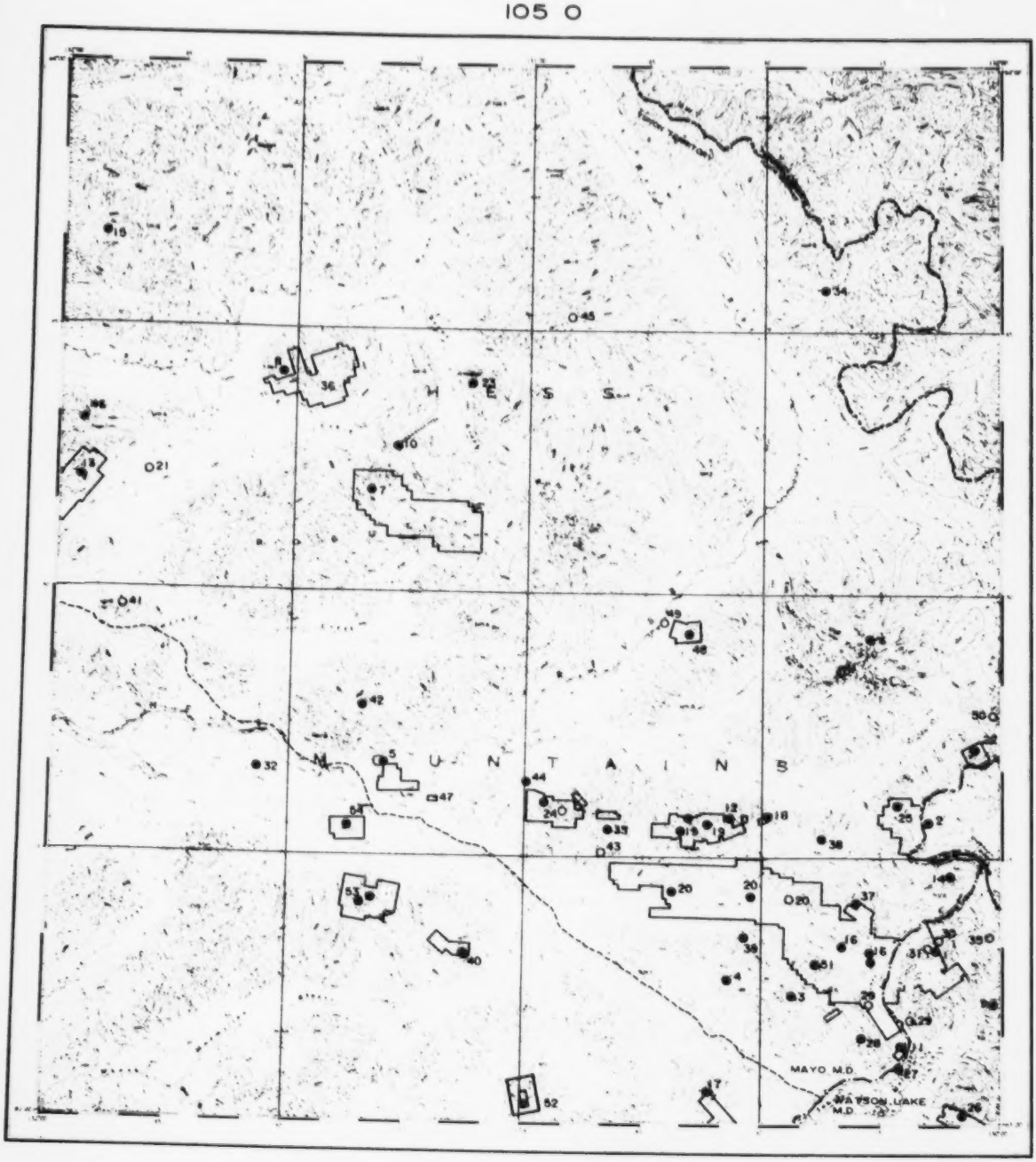
LANSING MAP-AREA (NTS 105 N)

General Reference: GSC Open File 205 by: S.L. Blusson, 1974.
GSC Open File 710 by: M.P. Cecile, 1980.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	ARMSTRONG	Skarn W Cu	105 N 3	7	Mulligan (1975, p. 74)
2	PLATA	Vein Ag Pb Zn	105 N 9	5	This Report
3	JOY	Occurrence Cu	105 N 10	7	
4	GOLF	Skarn Cu	105 N 2	7	
5	ETZEL	Vein Cu	105 N 7	7	
6	BRODELL	Vein Cu	105 N 7	7	
7	PEBBLE	Occurrence Pb	105 N 7	7	
8	DEAN	Vein Pb	105 N 10	7	
9	AUREOLE	Vein Cu	105 N 10	7	
10	BLOOM	Vein Cu Mo Pb Co	105 N 15	7	
11	PLEASANT	Skarn Cu W Ag	105 N 5	7	
12	TONGUE	Skarn W Cu Sn	105 N 3	7	D.I.A.N.D. (1985, p. 211)
13	KIDD	Stratabound Zn	105 N 15	7	Morin et al (1977, p. 119)
14	FLATASA	Unclassified	105 N 9	9	D.I.A.N.D. (1982, p. 171); D.I.A.N.D. (1985, p. 211)
15	SPIS	Unclassified	105 N 9	9	D.I.A.N.D. (1981, p. 213)
16	ANDREA	Stratiform Ba	105 N 15	7	D.I.A.N.D. (1982, p. 171)
17	RAM	Unclassified	105 N 3	9	D.I.A.N.D. (1983, p. 161)
18	STRIP	Unclassified	105 N 9	9	D.I.A.N.D. (1985, p. 212)
19	ROGUE	Unclassified	105 N 9	9	D.I.A.N.D. (1985, p. 211)

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

105 O



NIDDERY LAKE

YUKON TERRITORY - NORTHWEST TERRITORIES

5 0 5 10 15 20 25 30

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

Mineral Deposit or Occurance see Key on facing page.

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984.

Mineral Claims staked in 1984.

Placer Leases in good standing (Jan. 1985).

Placer Claims in good standing (Jan. 1985).

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail.

Driveable Road.

Oil or Gas Well.

Airstrip.

NIDDERY LAKE MAP-AREA (NTS 105 0)

General Reference: GSC Open File 205 by: S.L. Blusson, 1974.
GSC Open File 765 by: M.P. Cecile, 1981.
GSC Open File 807 by: S.P. Gordey, 1981.
Open File, Macmillan Pass area by G. Abbott, 1983.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	TOM	Stratiform Ag Pb Zn	105 0 1	2	D.I.A.N.D. (1985, p. 216); McClay and Bidwell (1985)
2	MACTUNG	Skarn W Cu	105 0 8	2	Morin et al (1977, p. 20-22); Atkinson and Baker (1985)
3	JEFF	Unclassified	105 0 1	7	Garrett (1971, p. 73)
4	ALP	Vein Au Ag	105 0 1	7	D.I.A.N.D. (1983, p. 163,168)
5	SCOT	Unclassified	105 0 6	7	Craig & Milner (1975, p. 18)
6	KEELE	Unclassified	105 0 8	7	Garrett (1971, p. 73)
7	EMERALD	Porphyry Cu Mo	105 0 11	7	D.I.A.N.D. (1985, p. 216)
8	HORN	Vein Cu	105 0 12	7	Craig & Milner (1975, p. 17)
9	BEN	Carbonate-hosted Zn	105 0 1	7	
10	ARROWHEAD	Vein Cu	105 0 11	7	
11	MOOSE	Stratiform Ba	105 0 1	2	Sinclair et al (1975, p. 21-22); Morin et al (1979, p. 31)
12	HESS	Stratiform Ba (Pb Zn Ag)	105 0 7	7	D.I.A.N.D. (1985, p. 216-217)
13	INCA	Vein Ag Pb Zn	105 0 12	5	Sinclair et al (1975, p. 18); D.I.A.N.D. (1985, p. 220)
14	STANDARD	Occurrence Pb Zn Ag	105 0 1	7	
15	ODD	Carbonate-hosted Pb Zn	105 0 13	6	
16	JASON	Stratiform Pb Zn Ag Ba	105 0 1	6	D.I.A.N.D. (1983, p. 163,169); Bailes, Blackadar and Smee (1985)
17	BROCK	Stratiform Ba	105 0 2	7	
18	WALT	Stratiform Ba	105 0 7,8	2	D.I.A.N.D. (1981,p. 216)
19	TRYALA	Stratiform Ba	105 0 7	7	D.I.A.N.D. (1983, p. 163,169)
20	NIDD	Occurrence Zn Pb Ag	105 0 1,2	7	This Report
21	BOBMOB	Unclassified	105 0 12	9	D.I.A.N.D. (1981, p. 217)
22	BORD	Vein Au Ag	105 0 8	7	D.I.A.N.D. (1985, p. 217)
23	BEAUCHAMP	Vein Mo	105 0 11	7	D.I.A.N.D. (1981, p. 217)
24	NEVE	Vein As Sb Au Ag	105 0 7	7	This Report
25	KEN	Skarn W Cu	105 0 8	7	Sinclair et al (1976, p. 30)
26	PETE	Stratiform Ba Pb Zn	105 0 1	7	Morin et al (1979, p. 94)
27	MOONLIGHT	Unclassified	105 0 1	9	Morin et al (1979, p. 32)
28	ESS	Unclassified	105 0 1	9	Morin et al (1979, p. 32)
29	FETCH	Unclassified	105 0 1	9	D.I.A.N.D. (1985, p. 218)
30	CREE	Unclassified	105 0 1	9	Morin et al (1979, p. 33)
31	ARGO	Unclassified	105 0 1	9	Morin et al (1980, p. 9)
32	MV	Unclassified	105 0 1	9	Morin et al (1980, p. 10)
33	MAC	Unclassified	105 0 5	7	D.I.A.N.D. (1983, p. 163,165)
34	DUO	Stratiform Ba	105 0 16	6	D.I.A.N.D. (1982, p. 178)
35	FOG	Unclassified	105 0 16	9	D.I.A.N.D. (1982, p. 177)
36	OLD CABIN	Vein Au Cu Pb	105 0 1	9	D.I.A.N.D. (1983, p. 163,165,169)
37	FUN	Vein Au Mo, Skarn W	105 0 1	7	D.I.A.N.D. (1985, p. 218)
38	FAN	Unclassified	105 0 1	7	D.I.A.N.D. (1983, p. 163,166)
39	SIM	Unclassified	105 0 2	7	D.I.A.N.D. (1982, p. 176,177); D.I.A.N.D. (1983, p. 163,166)
40	SUN	Unclassified	105 0 3	9	D.I.A.N.D. (1983, p. 163,166)
41	EMERA	Unclassified	105 0 5	9	D.I.A.N.D. (1982, p. 176,177)
42	EMMY	Vein Ag Au Pb	105 0 6	7	D.I.A.N.D. (1983, p. 163,166-167)
43	FAL	Unclassified	105 0 7	9	D.I.A.N.D. (1982, p. 177); D.I.A.N.D. (1983, p. 163,167)

44	BAR	Stratiform Ba	105 0 7	7	D.I.A.N.D. (1983, p. 163,167)
45	URSA	Unclassified	105 0 15	9	D.I.A.N.D. (1982, p. 177)
46	ETZEL	Vein Pb Zn Sb	105 0 12	7	D.I.A.N.D. (1983, p. 163,167-168)
47	ANDY	Stratiform Ba	105 0 6	7	D.I.A.N.D. (1982, p. 177)
48	NUT	Skarn, Vein W Cu Pb Zn Au Ag	105 0 7	7	This Report
49	SMOKEY	Unclassified	105 0 7	9	D.I.A.N.D. (1983, p. 163,169)
50	BBOB	Unclassified	105 0 8	9	D.I.A.N.D. (1983, p. 163,168-169)
51	J.K.	Stratiform Ba	105 0 1	7	This Report
52	NUKE	Unclassified	105 0 2	9	This Report
53	DALL	Unclassified	105 0 3	9	This Report
54	LEAF	Unclassified	105 0 6	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

J.K.
Aberford Resources Ltd.

Stratiform Barite
105 O 1 (51)
(63° 09'N,130° 23'W)

Reference: D.I.A.N.D. (1985 p. 216; 1983 p. 163, 168)

Claims: J.K. 1-160

Source: Summary by D. Emond from assessment report 091539 by J.D. Kapusta.

Description:

The claims are on the eastern margin of Selwyn Basin, on the western side of "the Macmillan Pass Graben" (a synsedimentary structure). Middle Paleozoic Road River Group is overlain by Earn Group in this, the Southern Block of the Mac Pass area (Abbott 1982 pp. 22-27). The rocks are characterized by open upright folds and few faults.

The Road River Group is represented by buff to tan weathering, platey and silty limestone and calcareous black shale (SIDI unit)(Figure 1). The uppermost sequence is non-calcareous argillite and siltstone which marking the boundary of the Earn Group. The lower Earn Group here consists of a clastic facies of turbidites (muDps), and overlying pinstriped shale and silty shale (uDpt) with minor chert, quartz sandstone and black limestone. The bedded barite deposit lies near the upper section of muDps or transitional with uDpt, and a thin, spotted unit occurs near the top of uDpt. The upper Earn Group is characterized by a resistant dark brown weathering, thin- to medium-bedded, ripple cross- and plane parallel-laminated sandstone and siltstone with silty slate.

This sedimentary succession is intruded by a Cretaceous porphyritic to equigranular biotite quartz monzonite pluton in the south. Several pyrrhotite skarns occur in the thermal aureole.

Both ferricrete and calcrete occur locally on the claims.

A large, centrally located anticline on the property has secondary parasitic folds on each limb. The pluton is responsible for isoclinal folding and faulting of the abutting sedimentary rocks. The fault structure separating the Central and Southern Blocks is outlined in the northwest section of the claims by VLF-EM.

Current Work and Results:

Prior to the 1983 program, an additional 22.3 km of line was cut, bringing the total cut line up to 44.5 km. During 1983, 616 soil samples were collected at 50 m intervals along the lines and were analyzed for lead, zinc, copper and barium. Also, 16 rock samples were collected and analyzed for copper, lead, zinc, molybdenum, silver, tungsten, gold and barium. Over 43 line-km were surveyed with VLF-EM and ground magnetics. Geological mapping at 1:5000 scale and prospecting were also carried out.

The laminated barite has a strike length of 2 km and is up to 3 m thick. It contains local accumulations of disseminated and laminated pyrite, and varying amounts of lead (less than 0.01-0.02%), zinc (less than 0.01-0.05%) and silver (less than 0.69-4.46 g/t Ag).

In one location, sphalerite occurs in a fracture of pyrrhotite skarn, and contains copper (trace- 0.01%), lead (trace), zinc (trace-2.15%), tungsten (0.01-0.03%), silver (0.3-1.5 ppm), gold (trace-10 ppb) and arsenic (3-320 ppm).

A sample of arsenopyrite-bearing quartz in porphyritic dykes contained 0.5% Pb, 31 ppm Ag and 90 ppb Au. A quartz-tetrahedrite vein contained 0.16% Cu, 570.84 g/t Ag and 186 ppb Au.

Four soil geochemical trends were considered significant for hosting stratiform mineralization. Six significant VLF-EM anomalies were associated with the geochemical trends.

The first geochemical trend is broken into a northern zinc-rich zone, central copper and copper-zinc zone, and a southern zinc-copper-lead-barium zone. It has two associated VLF strong conductor anomalies in a broad zone of weak conductor, and a third strong filtered data response, all of which are interpreted as formational conductors. The latter VLF anomaly may be due to the contact between the Road River and Earn Groups.

A second geochemical trend of central zinc-copper-barium with a barium anomaly on the northwest flank has two associated VLF-EM anomalies. One is a strong conductor localized in a long linear weak conductor zone and the other is a strong filtered data response. Both are interpreted as formational conductors.

A third geochemical trend consists of two components: 1) a barium-copper-zinc anomaly flanked by a zinc and a copper-lead anomaly; and 2) a barium-copper-zinc anomaly. Both components are coincident with strong filtered data VLF-EM reponses and are associated with formational conductors (i.e., laminated barite). The first one outlines a known laminated barite body.

The other significant geochemical trend is a zinc-copper and a lead anomaly.

*****

NIDD
Cominco Limited

Zinc,Lead,Silver
105 O 1,2 (20)
(63° 12'N,130° 21'W)

Reference: D.I.A.N.D. (1985 p. 215,217).

Claims: NIDD (636)

Source: Summary by D.S. Emond from assessment report 091581 by T.W. Hodson and 091606 by D. Rhodes.

Current Work and Results:

The 1984 program consisted of diamond drilling and geochemistry. A total of 1185.7 m of BQ, NQ and HQ diamond drilling was completed in three holes to further test the favourable stratigraphy intersected in 1982-83 drill programs. Drilling intersected volcanic rocks and mudstones of the Ordovician-Silurian Road River Group and volcanics, conglomerates, diamictites and mudstones of the Devonian-Mississippian Earn Group. Assay results were encouraging with one 2 m intersection of 6.3% Zn, 2.5% Pb, 27.43 g/t Ag, 119 ppm Cu and 24% Fe in grey, siliceous lapilli tuff with local iron carbonate. This consists of grey siliceous matrix supporting up to 70 volume percent clasts (less than 5 cm in diameter) of silica, mudstone, iron carbonate and tuff and resembles a volcaniclastic diamictite to conglomerate. Locally traces of the blue green micaceous clay mineral occurs as blebs and stringers. Pyrite (15-20 volume %) occurs throughout, but is locally massive with sphalerite and galena.

A Total of 105 soil samples were taken along grid lines in the Imperial Creek area (NIDD 747-750,769 and 771) and 968 samples were analyzed for lead, zinc and silver. Zinc values indicate an anomaly over 500 m x 300 m with values in excess of 1000 ppm Zn. Lead and silver values were generally low with a few values over 50 ppm Pb and 1.0 ppm Ag which were at higher elevations than the zinc anomaly.

*****

NUKE

Canamax Resources Inc. 105 O 2,3 (52)
Canada Tungsten Mining Corp. (63°01'N,130°59'W)

Reference: D.I.A.N.D. (1985 p. 216,219).

Claims: NUKE 1-48

Source: Summary by D. Emond from assessment reports 091534 and 091592 by A.C. Hitchins.

History:

The NUKE 1-8 claims were staked in July 1983 over an intense magnetic high and a discovery of float quartz-galena vein material immediately north of Oly Lake. The surrounding NUKE 9-48 claims were staked in early 1984.

Description:

The property lies in a northwest-striking fold belt of Devonian to Permian chert, shale, siltstone and arenite intruded by Cretaceous monzonite plugs. Several hornfels aureoles are prominent topographic and magnetic highs. A northwest-trending, elongate, dominantly pelitic hornfels aureole 400 to 1000 m wide, containing trace pervasive pyrrhotite, surrounds a 500 by 1500 m, medium-grained, unaltered biotite monzonite stock (Figure 1). Sericitic alteration of the stock is limited to halos around fractures and veins. Biotite monzonite to felsic quartz-feldspar porphyry dikes (from several metres to 50 metres wide) radiate out from the western contact.

Mineralization is contained in a northerly-striking set of quartz-arsenopyrite-galena -tetrahedrite veins exposed in pelitic hornfels adjacent to the contact of the monzonite stock on NUKE 4 and 6 claims.

Current Work and Results:

The 1983 work program included detailed mapping (1:10 000 scale), soil sampling and assay sampling of all exposed veins. Contour talus sampling (analyzed for lead, zinc, arsenic and silver) outlined several arsenic-zinc anomalies north of the showing. A total of 220 soil samples were collected at 25 m spacings along lines 50 m apart and were analyzed for copper, manganese, iron, silver, lead and zinc. Copper and silver anomalies are coincident in an area of narrow quartz-sulphide veins within the contact aureole of a

small biotite monzonite stock. The peak silver and copper values were 10.2 ppm and 1060 ppm, respectively, noted below outcrop of veined rusty hornfels. Several silver anomalies in the northeast and southwest corners of the grid may suggest additional poorly exposed veins.

Geological mapping (1:5000 scale) and prospecting in 1984 was mainly done within the hornfels, but extended up to 700 m north of it. This led to the discovery of many other veins occurring up to 1000 m north from the vein swarm on the NUKE 4 and 6 claims. The veins dip steeply to vertical, are 2 to 16 cm wide (most are less than 8 cm) and occur in both the hornfels and the stock. All sulphide veins in float and outcrop were sampled and assayed for gold, silver and tin. Talus fines and soil samples collected at 50 m spacings on contour traverses over monzonite and hornfels were analyzed for silver, zinc, lead and arsenic.

Zinc results show discontinuous anomalies along the outer limit of hornfels surrounding a low over the stock; the two strongest soil anomalies have up to 5000 and 7800 ppm Zn, and 10.4 and 23.2 ppm Ag respectively.

*****

DALL
Agip Canada Ltd.

Stratiform Barite
105 O 3 (53)
(63°13'N,131°20'W)

Reference: D.I.A.N.D. (1985 p. 216,219).

Claims: DALL 1-112

Source: Summary by D. Emond from assessment report 091541 by R. Robertson.

Description:

The claims are on the eastern margin of Selwyn Basin. The area is underlain by a series of folded and faulted Devonian to Triassic sedimentary rocks which are intruded and hornfelsed by a small Cretaceous stock and related dykes (Figure 1).

The oldest sedimentary rocks are Lower Devonian, tan and black weathering silty limestones and carbonaceous shales (Road River Group). These are overlain by Devonian to Mississippian silvery-blue weathering shale (locally carbonaceous) and silty shale, overlain by a thick bed of grey-weathering chert pebble conglomerate, in turn overlain by silty shale interbedded with carbonaceous shale and minor limestone (Lower Earn Group). Minor crinoidal limestone occurring within the lowermost shale unit commonly has bedded barite associated with it.

In the east-central part of the property, the Lower Earn Group increases in thickness from a few hundred metres to over a kilometre within 500 m of strike length. This indicates the presence of Devonian growth faults which formed a third order basin within the west and central parts of the property.

The Lower Earn Group rocks are overlain by sandstone, shale and silty shale of the Mississippian Upper Earn Group.

The abovementioned sedimentary rocks display open folding in a westward-plunging anticline and are thrust over southwest-dipping Triassic calcareous cross-laminated sandstone.

A small Cretaceous biotite quartz monzonite stock intrudes Lower Earn Group shale and conglomerate in the southwest. Pyrrhotite-rich hornfels around this intrusion extends 1-2 km into the surrounding country rock. This and the pyrite- and pyrrhotite-rich intrusion form a gossan. Thin carbonate beds form small sphalerite and pyrite-bearing siliceous skarns adjacent. Several thin quartz porphyry dykes are associated with the pluton. The intrusion and hornfels are cut off to the east by a large reverse-right lateral fault (west part uplifted).

Three types of mineralization occur on the property: 1) thin veinlets of quartz-arsenopyrite filling joints within the intrusion and fractures in the sedimentary rocks; 2) sphalerite within 30 cm-thick beds of siliceous skarn; and 3) pods of stratiform shale-hosted barite. The barite is the most prominent and occurs in two showings, the "Curtis" and "Hump" (Figure 1). The barite is within carbonaceous shale and associated limestone beds and consists of alternating thin bands of barite and shale. The "Curtis" is tightly folded, 7-10 m thick and outcrops over approximately 30 m. The "Hump", 800 m to the west, is approximately 30 m thick at the maximum and traceable for 100 m in talus, pinching out to the east and lost in vegetation to the west. This showing has minor veins of barite associated which also cut the overlying chert pebble conglomerate.

The thin carbonaceous shale and carbonate bands associated with the showings occur as large lenses within siliceous shales. The mineralization occurs where the shale and conglomerate rapidly increase in thickness over a short distance and was likely formed in submarine pools developed within a small third order basin.

Current Work and Results:

In 1983, geolgical mapping (1:10 000 scale) was performed and 5 stream sediment, 269 soil and 51 rock samples were collected. A grid was set up over the barite showings. All samples were analyzed for gold and silver, and several were analyzed for antimony, mercury, lead, zinc and barium. The samples are moderately anomalous in lead and mercury (up to 44 ppm Pb and 1300 ppb Hg).

Gold, silver and lead anomalies appear to be related to the uplifted hornfelsed zone and intrusion. Soil samples collected from the north side of the intrusion contain up to 780 ppb Au, 8.8 ppm Ag, 630 ppm Sb and 930 ppm Pb. A grab sample of sphalerite-bearing skarn contained 445 ppb Au and a 1 m chip sample across thin arsenopyrite veins contained 815 ppb Au.

Lead, zinc, antimony, silver and barium anomalies are likely related to potential stratiform mineralization. Bedded barite has been located, but not the source of the strongest anomalies (lead-silver). There are lead, silver and antimony talus fine anomalies below cliffs of chert pebble conglomerate underlain by carbonaceous and silty shales (up to 150 ppb Au, 300 to 1870 ppm Pb, 70 to 925 ppm Sb and 3.4 to 20.0 ppm Ag). This large soil anomly could accomodate a shale-hosted lead-zinc-silver-barite deposit.

Grid soil geochemistry over the two showings gave anomalies 100 m x 50 m on the "Hump", and 50 m x 25 m on the "Curtis" with values up to 3280 ppm Zn, 118 ppm Pb and 12.0 ppm Ag. Rock samples from these showings are low in gold, silver, lead and zinc, but contain up to 48.62 % Ba in a 1.8 m chip sample ("Hump").

******

LEAF
Agip Canada Ltd.

Gold Vein
105 O 6 (54)
(63°16'N,131°23'W)

Reference: D.I.A.N.D. (1985 p. 216,219).

Claims: LEAF 1-39

Source: Summary by D. Emond from assessment report 091532 by R. Robertson.

Description:

The LEAF claims are underlain by north-dipping, Ordovician to Silurian Road River black shale and green mudstone with minor chert, siltstone and limestone. These rocks are intruded by the Cretaceous Niddery Lake pluton (Figure 1) of medium-grained, slightly porphyritic, hornblende-biotite quartz monzonite. A flow foliation is present near the contact of the pluton, and xenoliths and roof pendants are abundant. The pluton is surrounded by a km-wide gneissic hornfels zone where the country rock has been recrystallized and contains disseminated pyrite and pyrrhotite. Several quartz-feldspar porphyry dikes cut the country rock.

Several northwest- and northeast-trending lineaments in the area may be related to emplacement of the intrusion. A prominent 120°-striking fault is present near the contact between black shales and green mudstones and is the focus of quartz veining. The largest vein is 40 m long and 2 m wide, but most are smaller and stockworks of veinlets are common in adjacent wallrock. The veins are composed mostly of quartz with minor pyrite and rare fluorite. Silicification and iron oxide staining of wallrock is common. Also two thin arsenopyrite-quartz veins cut a porphyry dike on the property.

Current Work and Results:

In 1983, geological mapping was performed at 1:10 000 scale. A grid was set up in the central claims, and detailed geological mapping and soil geochemistry were carried out along 50 m-spaced, east-trending grid lines.

Rock geochemistry indicates that the quartz veins are only slightly enriched in gold and arsenic (less than 300 ppb Au). Some fault breccia returned as much as 540 ppb Au, 2.9 ppm Ag and 900 ppm As. A grab sample of the arsenopyrite vein carried 8340 ppb Au.

Soil sampling at 25 m intervals along grid lines showed gold and arsenic geochemical values to have a strong association with porphyry dikes, and a weak, but erratic association with the quartz veins. Maximum results obtained were 335 ppb Au and over 1000 ppm As. Using 100 ppb Au and 400 ppm As threshold values, a series of northwest-trending anomalous zones are outlined in the east part of the grid area along with one northerly-striking anomaly on the baseline.

*****

NEVE
Agip Canada Ltd.

Arsenic, Antimony
Precious Metals
105 O 7 (24)
(63°17'N, 130°55'W)

Reference: D.I.A.N.D. (1985 p. 215,217-218).

Claims: BRICK 1-40; NEVE 1-35

Source: Summary by D.S. Emond from assessment report 091544 by R. Robertson.

Description:

The property is on the eastern margin of Selwyn Basin and is characterized by a Devonian graben structure cutting Late Cambrian to Triassic marine sedimentary rocks overlying continental crust. Open-folded, Ordovician to Permian shale, limestone, siltstone, sandstone and conglomerate are cut by several highly altered, Cretaceous (?) quartz-feldspar porphyry, and unaltered biotite quartz monzonite sills and dykes, and also by a series of north- and east-trending faults. Sill emplacement is controlled by the east-trending cleavage and faulting. Two major north-trending faults show offset of rock units and structure (including east-trending faults) and are associated with veining, alteration and geochemical anomalies. The BRICK claims cover a west-plunging syncline which is overturned to the north.

Current Work and Results:

Soil sampling on the 1983 grid (50 m spaced lines with 25 m sample intervals) located a new zone of highly anomalous gold values in soil and talus across a steep northwest-facing slope (the J.O. zone). This is an extension of an earlier found anomaly, both defined by the 100 ppb Au contour. The main part of this anomaly consists of two distinct anomalies exceeding 1000 ppb Au with lengths of 150 m and 70 m. Some samples exceed 5000 ppb Au. Maximum gold values in grab samples of rock from this anomaly are up to 1.44 g/t.

The J.O. Zone is underlain by carbonaceous shales, siliceous shales and chert which are locally cut by thin quartz veinlets and by several altered porphyry dykes. The shales are locally bleached and have thin coatings of white clay mineral on joint and fracture surfaces along with minor jarosite and limonite. Thin gouge zones contain iron-stained clay. Gold mineralization is more abundant in heavily fractured areas.

Three trenches were excavated on BRICK 4 and 9 claims over the J.O. Zone soil anomaly. Trench No. 1 had a total volume of 215 m^3; trench No. 2, 160 m^3; trench 3, 61.5 m^3. Results of gold analyses of soil and rock samples from the trenches confirm gold values found in surface soils, however gold values in rock samples from surface and trenches do not indicate economic grades of gold mineralization. The best grades and most difficult trenching conditions are in strongly fractured sooty carbonaceous shales.

*****

NUT
Canamax Resources Inc.
Canada Tungsten Mining Corporation

Tungsten, Copper, Lead, Zinc, Gold,
105 O 7 (48)
(63° 28'N, 130° 40'W)

Reference: D.I.A.N.D. (1985 p. 216,218-220).

Claims: NUT 1-22,24,26-30

Source: Summary by D.S. Emond from assessment report 091567 by J. Roth (Stratagex Ltd.) and Aerodat Ltd .

Current Work and Results:

In 1984, a helicopter electromagnetic and magnetic survey was flown by Aerodat Ltd. over the Keele area along 112.8 km in order to detect significant bedrock conductors and magnetic features related to gold or base metal mineralization. Flight lines were spaced at 200 m. The magnetic data revealed 1) a central zone of N-S linear anomalies, possibly a hornfelsing or skarnification surrounding the exposed quartz monzonite; and 2) a large magnetic anomaly which deepens to the south, possibly a concealed intrusive or a metamorphic halo above the same. Electromagnetic data defined 1) a swarm of N-S conductive zones (also faulted) arising largely from graphitic horizons; 2) twelve discrete conductive zones which are targets for sulphide mineralization; and 3) the central intrusive is an area of higher resistivity, with a larger extent than mapped.

*****

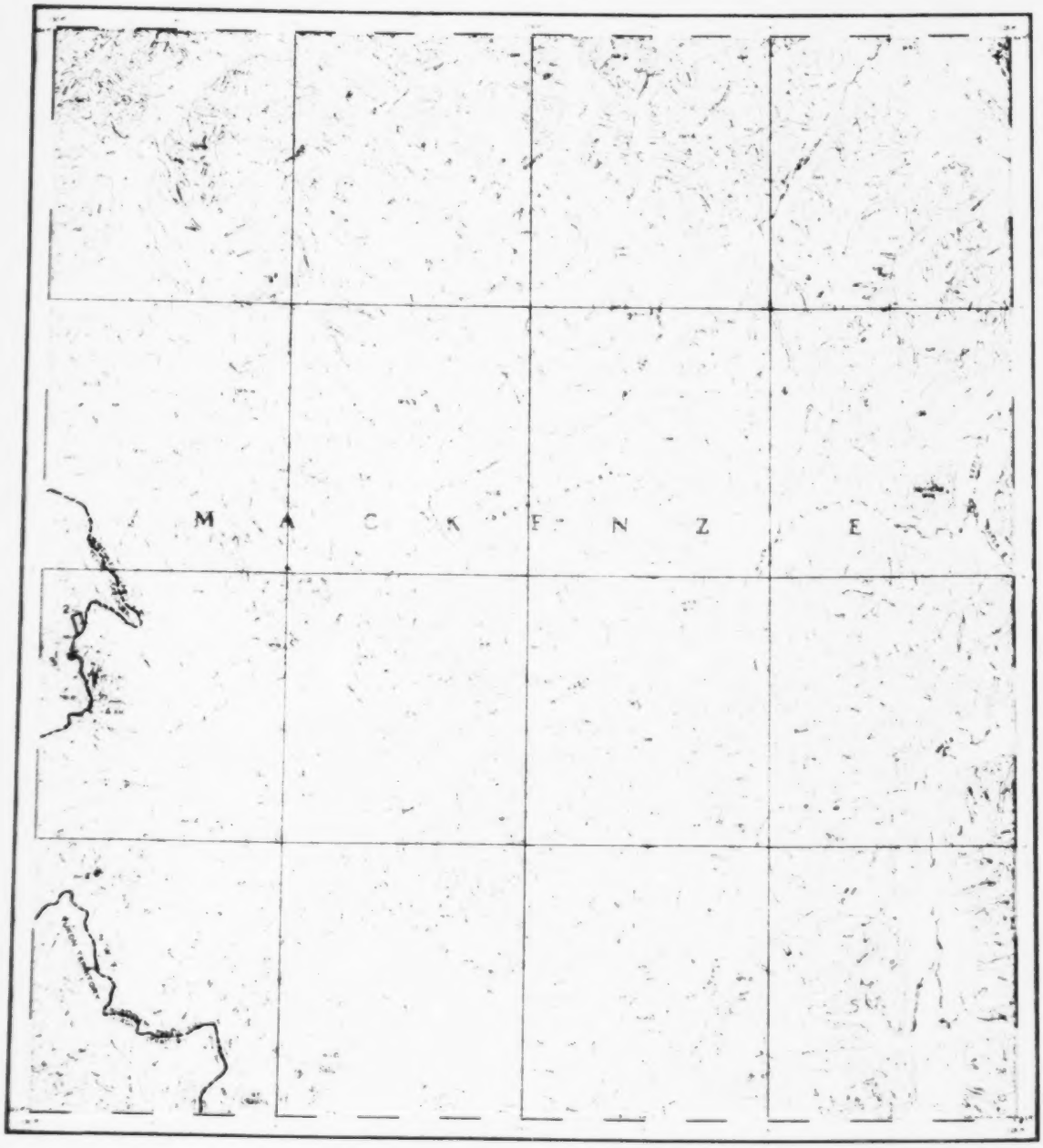
1984 MINERAL CLAIMS STAKED

NUKE
Canamax Resources Inc.

105 O 2,3 (52)
(63°02'N, 131°00'W)

Claims 1984: NUKE 9-48

105 P



SEKWI MOUNTAIN

YUKON TERRITORY - NORTHWEST TERRITORIES

5 0 5 10 15 20 25 30

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

Mineral Deposit or Occurence see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985)

Placer Claims in good standing (Jan. 1985)

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

SEKWI MOUNTAIN MAP-AREA (NTS 105 P)

General Reference: GSC Paper 71-22 by: S.L. Blusson, 1971.
GSC Open File 710 by: M.P. Cecile, 1980.
GSC Open File 807 by: S.P. Gordey, 1981.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	MEHITABEL	Skarn Cu W Mo	105 P 5	7	
2	NUM	Unclassified	105 P 5	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

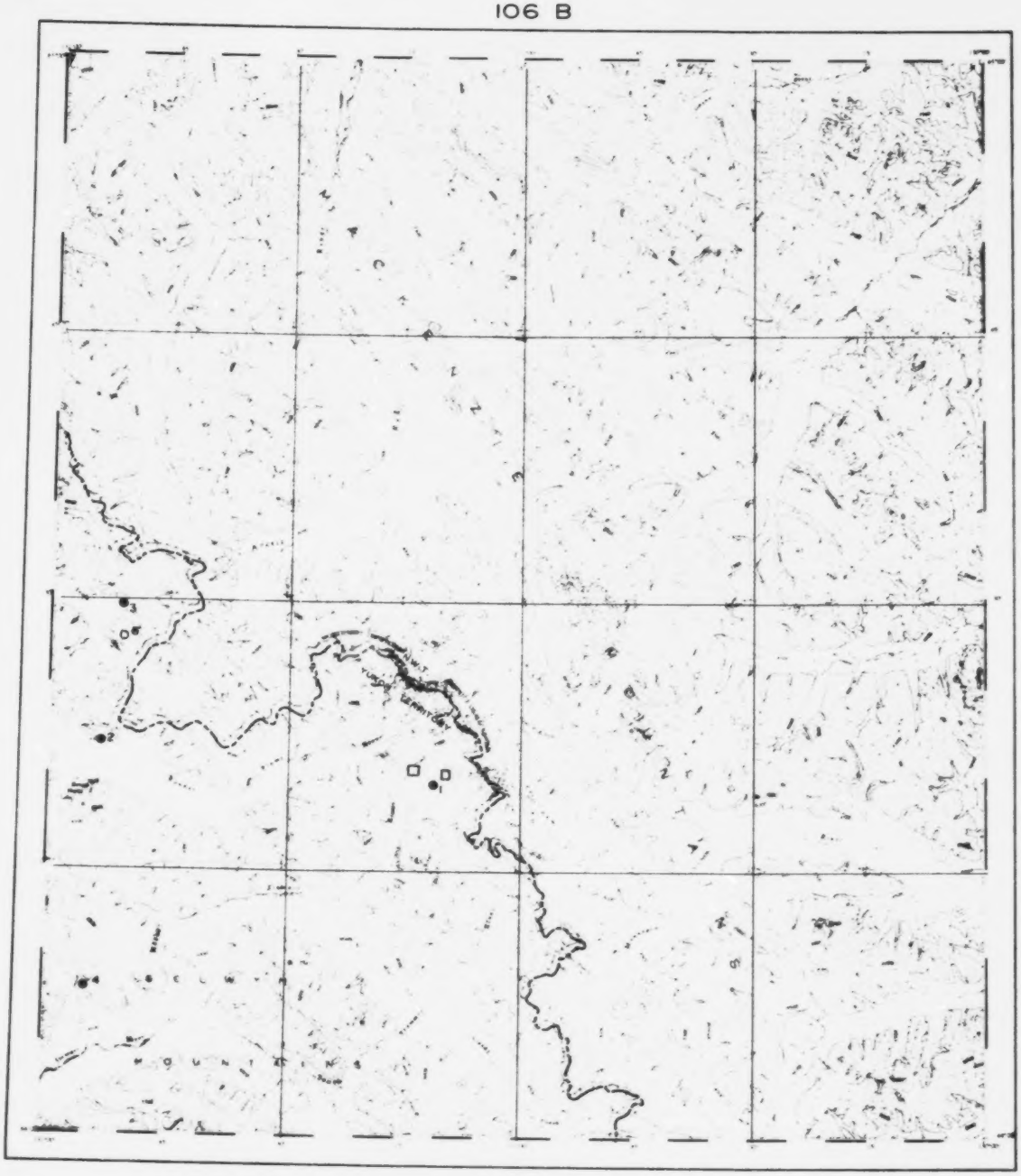
1984 MINERAL CLAIMS STAKED

NUM
Canamax Resources Inc.

105 P 5 (2)
(63°27'N, 129°55'W)

Claims 1984: NUM 6-11

106 B



BONNET PLUME LAKE

YUKON TERRITORY - NORTHWEST TERRITORIES

5 0 5 10 15 20 25 30

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

Mineral Deposit or Occurence see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985).

Placer Claims in good standing (Jan. 1985).

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail.

Driveable Road.

Oil or Gas Well.

Airstrip.

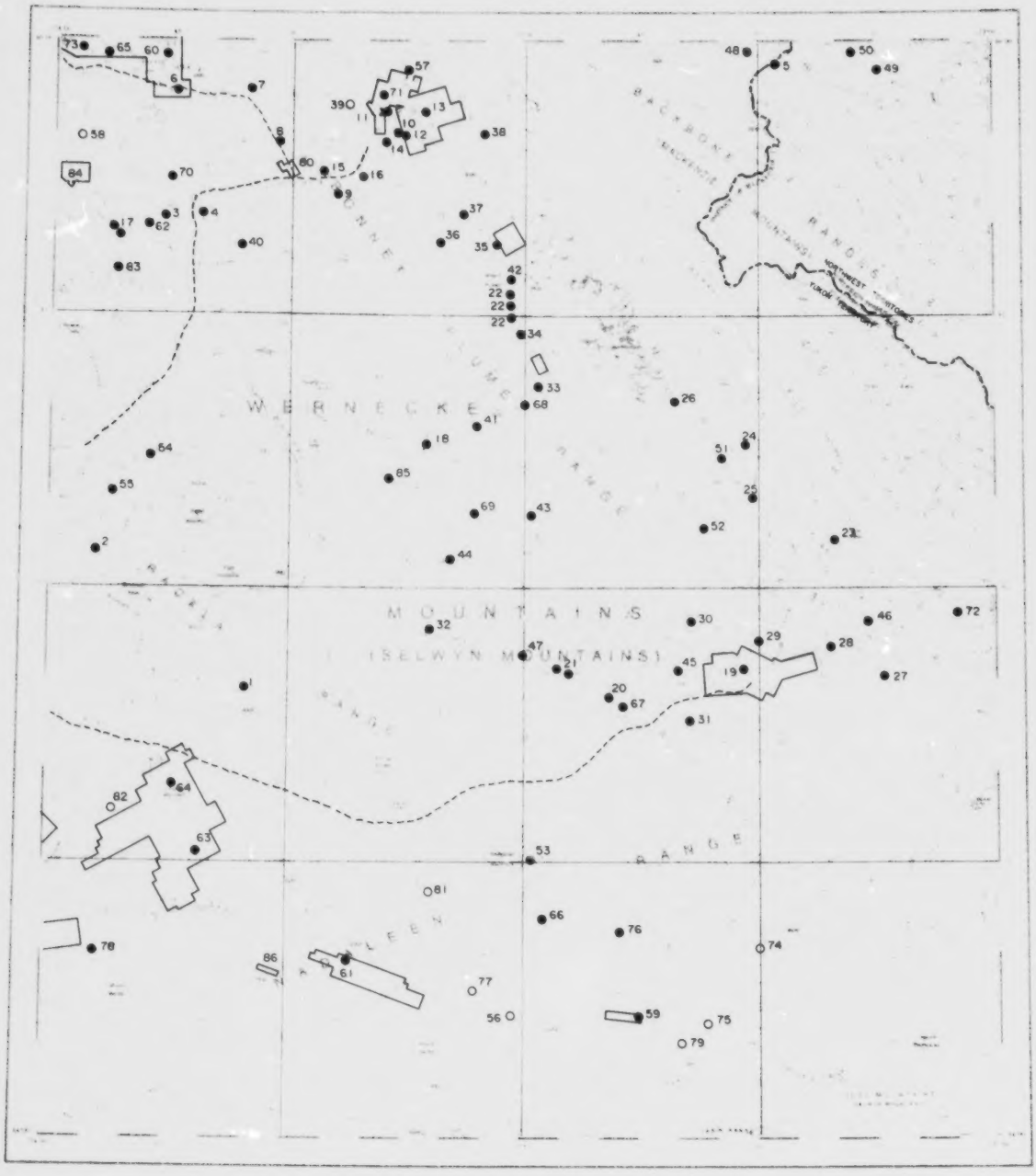
BONNET PLUME MAP-AREA (NTS 106 B)

General Reference: GSC Open File 205 by: S.L. Blusson, 1974.
GSC Open File 710 by: M.P. Cecile, 1980a.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	ECONOMIC	Carbonate-hosted Zn Pb	106 B 6	7	Sinclair et al (1975, p. 19)
2	ANDY	Carbonate-hosted Zn Pb	106 B 5	7	Dawson (1975, p. 240-241)
3	NECO	Carbonate-hosted, Vein Zn Pb	106 B 5	7	
4	BIRKELAND	Carbonate-hosted Zn Pb	105 B 4	7	
5	PR	Unclassified	106 B 5	9	Morin et al (1977, p. 119)

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

106 C



NADALEEN RIVER

YUKON TERRITORY - NORTHWEST TERRITORIES

5 0 5 10 15 20 25 30

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurence see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984.

Mineral Claims staked in 1984.

Placer Leases in good standing (Jan. 1985)

Placer Claims in good standing (Jan. 1985)

Dredging Leases in good standing (Jan. 1985)

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

NADALEEN RIVER MAP-AREA (NTS 106 C)

General Reference: GSC Open File 205, 206 by: S.L. Blusson, 1974.
GSC Open File 710 by: M.P. Cecile, 1980a.

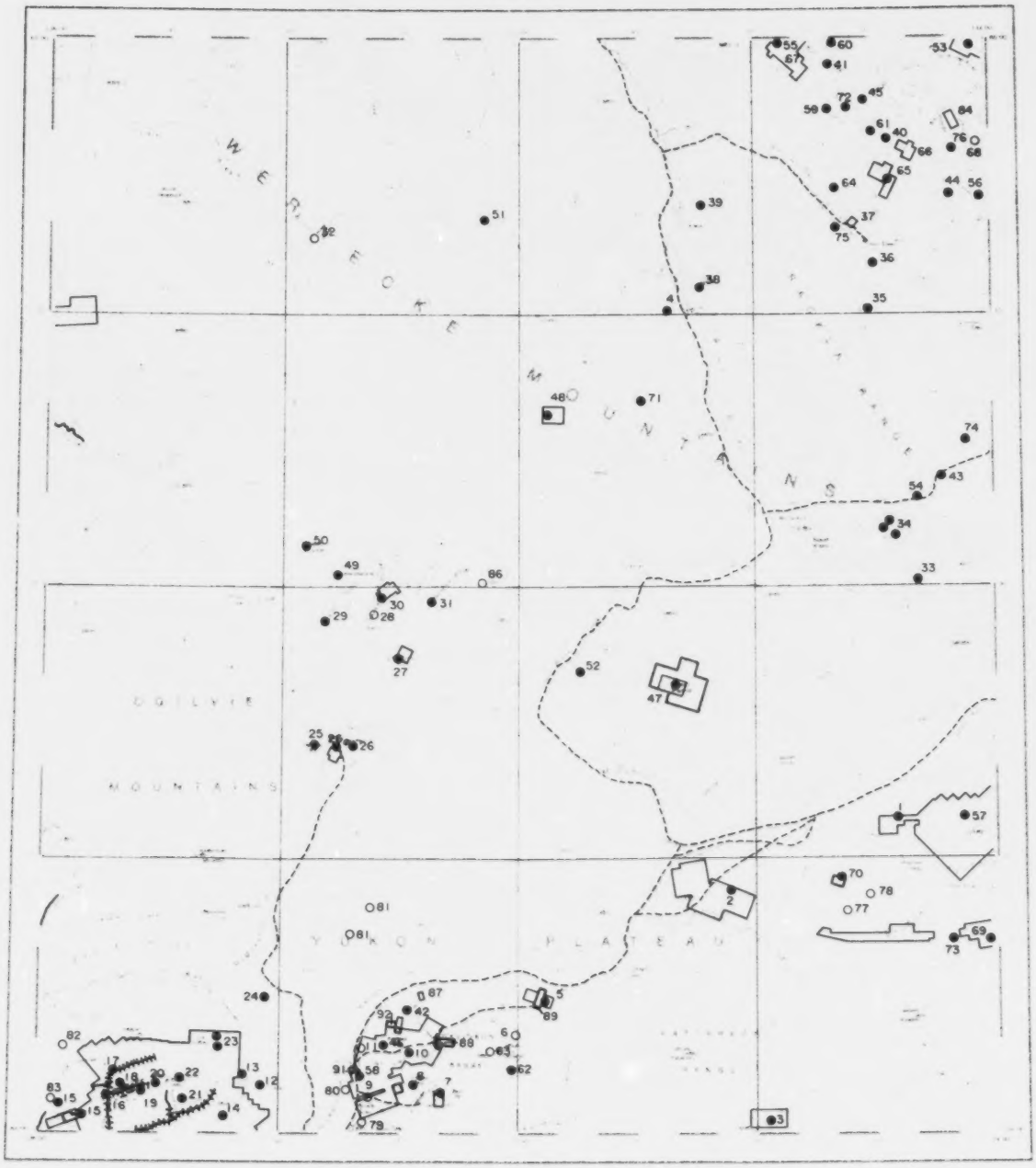
NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	KOHSE	Occurrence Cu	106 C 5	7	
2	SALUTATION	Vein Cu Co	106 C 12	7	
3	GILLESPIE	Carbonate-hosted, Vein Zn Pb	106 C 13	7	
4	GEORDIE	Occurrence Pb Zn Ag			
5	GILDERSLEEVE	Carbonate-hosted Zn Pb	106 C 16	7	Dawson (1975, p. 241)
6	FAIRCHILD	Breccia U Cu	106 C 13	7	D.I.A.N.D. (1983, p. 175-176)
7	BIBBER	Vein Cu	106 C 13	7	
8	DOLORES	Vein Cu Ag Co	106 C 13	7	
9	KEY MOUNTAIN (BARB)	Vein Cu Co	106 C 14	7	D.I.A.N.D. (1982, p. 185-186)
10	MAMMOTH	Unclassified	106 C 14	7	Findlay (1969b, p. 16-17)
11	CIRQUE	Vein Cu Co Ag	106 C 14	7	
12	PORPHYRY	Vein Cu	106 C 14	7	Findlay (1969b, p. 16-17)
13	TETRAHEDRITE CREEK	Vein Au Ag (Cu Pb Zn Sb)	106 C 14	6	D.I.A.N.D. (1985, p. 228-229)
14	AIRSTRIP	Occurrence Cu	106 C 14	7	
15	VULCAN	Breccia U Cu	106 C 14	7	D.I.A.N.D. (1982, p. 186)
16	DOBBY	Occurrence Cu	106 C 14	7	
17	KIDNEY	Vein Cu	106 C 13	7	
18	PING (CORN CREEK)	Carbonate-hosted Zn Pb	106 C 11	5	Sinclair et al (1975, p. 53-54)
19	GOZ CREEK	Carbonate-hosted Zn Pb	106 C 7	2	Sinclair et al (1975, p. 23-24)
20	HARRISON	Carbonate-hosted Zn Pb	106 C 7	6	Sinclair et al (1975, p. 41-42)
21	MUELLER	Carbonate-hosted Zn Pb	106 C 7	5	Sinclair et al (1975, p. 42-43)
22	CORN CREEK (COB)	Carbonate-hosted Zn Pb	106 C 11,14	7	Sinclair & Gilbert (1975, p. 26)
23	ZOG	Occurrence Zn	106 C 9	7	
24	GOODMAN (AL)	Unclassified	106 C 10	7	Sinclair et al (1975, p. 64-65)
25	NEST	Carbonate-hosted Zn Pb	106 C 10	6	Sinclair et al (1975, p. 33-35)
26	TOPOROWSKI	Stratiform Zn Pb	106 C 10	7	
27	ANGLO	Unclassified	106 C 8	7	Sinclair et al (1975, p. 38,40)
28	GUS	Carbonate-hosted Zn Pb	106 C 8	7	Sinclair et al (1975, p. 36)
29	GENTRY	Carbonate-hosted Zn Pb	106 C 7	7	Sinclair et al (1975, p. 24-28)
30	CADET	Carbonate-hosted Zn Pb	106 C 7	7	Sinclair et al (1975, p. 29,46)
31	LOG	Unclassified	106 C 7	9	
32	MOUSE	Carbonate-hosted Zn Pb	106 C 6	7	Sinclair et al (1975, p. 40-41, 49-50)
33	STAR	Carbonate-hosted Zn Pb	106 C 10	7	Sinclair et al (1975, p. 55-56)
34	DEA	Carbonate-hosted Zn Pb	106 C 11	7	Sinclair et al (1975, p. 58-59)
35	PROFEIT	Carbonate-hosted Zn Pb Ag Cu	106 C 14	6	D.I.A.N.D. (1982, p. 186,190)
36	POO	Vein Pb Zn	106 C 14	7	
37	EG	Carbonate-hosted Zn Pb	106 C 14	7	Sinclair et al (1975, p. 61-62)
38	DAN	Carbonate-hosted Zn Pb	106 C 14	7	Sinclair et al (1975, p. 61)
39	MAC (OTTO)	Unclassified	106 C 14	9	Sinclair et al (1975, p. 63)
40	LEARY	Vein Zn Pb Cu	106 C 13	7	
41	WX	Carbonate-hosted Zn Pb	106 C 11	6	Sinclair et al (1975, p. 56-57)
42	SUN	Carbonate-hosted Zn Pb	106 C 14	7	Sinclair et al (1975, p. 60)
43	BOB	Carbonate-hosted Zn Pb	106 C 10	7	
44	BRENDON (RAM)	Carbonate-hosted Zn Pb	106 C 11	7	Sinclair et al (1975, p. 51)
45	GAL	Unclassified	106 C 7	7	Sinclair et al (1975, p. 30-31)
46	RUM/RAF	Unclassified	106 C 8	7	Sinclair et al (1975, p. 37,39)
47	TAPIN	Unclassified	106 C 6	9	

48	CAB	Carbonate-hosted Zn Pb	106 C 15	7	Morin et al (1979, p. 41)
49	BAK	Carbonate-hosted Zn Pb	106 C 16	7	
50	MOGUL	Carbonate-hosted Zn Pb	106 C 16	7	Sinclair et al (1975, p. 66)
51	DUNE	Vein Zn Pb	106 C 10	7	
52	SNAKE	Carbonate-hosted Zn Pb	106 C 10	7	
53	McKELVIE	Vein Zn Pb Ba	106 C 7	7	
54	MARSHALL	Occurrence Cu	106 C 12	7	
55	ALGAE	Occurrence Cu	106 C 12	7	
56	LEAH	Unclassified	106 C 3	9	D.I.A.N.D. (1981, p. 224)
57	RAM	Breccia U Cu	106 C 14	7	D.I.A.N.D. (1981, p. 224)
58	LFV	Unclassified	106 C 13	9	D.I.A.N.D. (1981, p. 235)
59	SIAN	Carbonate-hosted, Vein Ag Pb Zn	106 C 2	7	D.I.A.N.D. (1981, p. 224)
60	OTTER	Vein Co Ni As	106 C 13	7	D.I.A.N.D. (1982, p. 186-187)
61	CRAIG	Vein Ag Pb Zn	106 C 3	2	D.I.A.N.D. (1981, p. 225-230)
62	TOW	Breccia U	106 C 13	7	D.I.A.N.D. (1981, p. 231)
63	VAL	Vein Ag Pb Zn	106 C 5	2	D.I.A.N.D. (1982, p. 187)
64	VERA	Vein Ag Pb Zn	106 C 5	2	D.I.A.N.D. (1982, p. 187)
65	ELGEA	Vein Cu Co	106 C 13	5	D.I.A.N.D. (1982, p. 187-188)
66	TARA (NADALEEN)	Carbonate-hosted Zn Pb	106 C 2	7	D.I.A.N.D. (1982, p. 188,190)
67	FUN	Carbonate-hosted Zn Pb	106 C 7	7	Sinclair et al (1976, p. 41)
68	DF	Carbonate-hosted Zn Pb	106 C 10,11	6	Sinclair et al (1976, p. 50)
69	MID	Unclassified	106 C 11	9	Sinclair et al (1976,p. 51)
70	ALE	Unclassified	106 C 11	7	Sinclair et al (1976, p. 56)
71	PTERD	Occurrence U	106 C 14	6	D.I.A.N.D. (1982, p. 188)
72	REP	Carbonate-hosted Zn Pb	106 C 8	5	Morin et al (1979, p. 39)
73	BROMADROSIS	Unclassified	106 C 13	7	Morin et al (1977, p. 122)
74	EIRA	Unclassified	106 C 1,2	9	Morin et al (1979, p. 35)
75	BLACK IDA	Unclassified	106 C 2	9	Morin et al (1979, p. 35)
76	JAM	Carbonate-hosted Zn Pb	106 C 2	7	Morin et al (1979, p. 36)
77	STAR	Unclassified	106 C 3	9	Morin et al (1979, p. 36)
78	COOKER	Vein Ag Pb Zn	106 C 4	7	Morin et al (1980, p. 37)
79	GLEN	Unclassified	106 C 2	9	Morin et al (1980, p. 10)
80	BONNET	Unclassified	106 C 13	9	D.I.A.N.D. (1982, p. 190)
81	STRIP	Unclassified	106 C 3	9	D.I.A.N.D. (1982, p. 190)
82	RAFE	Unclassified	106 C 5	9	D.I.A.N.D. (1982, p. 190)
83	JOLLY	Vein Pb Zn	106 C 13	5	D.I.A.N.D. (1983, p. 175-176)
84	APE	Vein Cu U Co Mo	106 C 13	7	D.I.A.N.D. (1983, p. 175-176)
85	DJ	Carbonate-hosted Zn Pb	106 C 11	7	Sinclair et al (1975, p. 52)
86	MEX	Unclassified	106 C 4	9	D.I.A.N.D. (1985, p. 228)

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

NOTES

106 D


DAWSON RANGE
MACMILLAN PASS
DUNCAN CREEK
DUNCAN CREEK
DUNCAN CREEK

NASH CREEK MAP-AREA (NTS 106 D)

General Reference: GSC Map 1282A and Memoir 364 by: L.H. Green, 1972.
GSC Open File 710 by: M.P. Cecile, 1980a.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	KATHLEEN	Vein Zn Ag Pb	106 D 8	6	D.I.A.N.D. (1985, p. 233)
2	NOW	Vein Pb Zn Ag Au	106 D 2	6	D.I.A.N.D. (1981, p. 238)
3	MARG	Unclassified	106 D 1	7	This Report
4	WEN	Vein Cu	106 D 15	7	Green (1972, p. 139)
5	CLARK	Vein Ag Pb Zn	106 D 2	2	Craig & Laporte (1972, p. 19-20); Sinclair & Gilbert (1972, p. 15-16)
6	CAMERON (PAUL)	Vein Ag Pb Zn	106 D 3	7	Green (1971, p. 63-64); Sinclair et al (1975, p. 16-17)
7	STAND-TO	Vein Ag Pb Zn	106 D 3	7	Findlay (1969b, p. 13-14); D.I.A.N.D. (1982, p. 198)
8	FORBES	Unclassified	106 D 3	7	Cockfield (1922)
9	SPRING (HL)	Vein Ag Pb Zn	106 D 3	7	Craig & Milner (1975, p. 30); D.I.A.N.D. (1982, p. 198)
10	RAMBLER	Vein Ag Pb Zn	106 D 3	7	Cockfield (1922, p. 4-5); Green (1971, p. 63); D.I.A.N.D. (1981, p. 244); D.I.A.N.D. (1985, p. 234)
11	RUSTY	Unclassified	106 D 3	9	
12	ERIN	Vein Ag Pb Zn	106 D 4	7	Craig & Laporte (1972, p.16-17)
13	GWAIHIR	Vein W	106 D 4	7	D.I.A.N.D. (1981, p. 238)
14	SKATE	Vein Ag Pb Zn	106 D 4	6	D.I.A.N.D. (1982, p. 194)
15	PESO (REX)	Vein Ag Pb Zn	106 D 4	2	Green (1965, p. 20-22); D.I.A.N.D. (1981, p. 244); This Report
16	BARKER	Vein unclassified	106 D 4	7	Boyle (1965, p. 84)
17	MEILECKE	Vein Ag Pb	106 D 4	7	
18	SHEPPARD	Unclassified	106 D 4	7	Mulligan (1975, p. 73-74)
19	DUBLIN GULCH	Skarn W	106 D 4	7	D.I.A.N.D. (1983, p. 179-180)
20	POTATO HILLS	Unclassified	106 D 4	7	Little (1959, p. 21-29,34-36); Craig & Milner (1975, p. 24-25)
21	RAY GULCH	Skarn W	106 D 4	2	D.I.A.N.D. (1981, p. 240); Lennan (1985)
22	ELLIS	Vein Au Ag	106 D 4	7	Green & Godwin (1963, p. 15)
23	LYNX	Unclassified	106 D 4	7	Green & Godwin (1963, p. 15); D.I.A.N.D. (1981, p. 244)
24	LUCKY STRIKE	Vein Ag Pb Zn	106 D 4	7	Green (1972, p. 137); D.I.A.N.D. (1982, p. 198)
25	WHITE HILL	Unclassified	106 D 6	9	Cockfield (1925, p. 1-18)
26	McKAY HILL	Vein Ag Pb Zn	106 D 6	4	Cockfield (1924, p. 22-28); Green (1972, p. 133-134); D.I.A.N.D. (1981, p. 244)
27	GREY COPPER HILL	Vein Ag Pb Zn	106 D 6	7	D.I.A.N.D. (1981, p. 240); D.I.A.N.D. (1985, p. 234)
28	CARPENTER	Unclassified	106 D 6	9	Cockfield (1925, p. 1-18)
29	ELLIOTT RIDGE	Vein Cu	106 D 6	7	Cockfield (1925, p. 1-18)
30	SILVER HILL	Vein Ag Pb Zn	106 D 6	7	Cockfield (1925, p. 1-18); Green (1972, p. 133)
31	SETTLEMEIR	Unclassified	106 D 6	9	
32	ROYAL	Unclassified	106 D 14	9	
33	ZULPS	Vein Cu	106 D 9	7	
34	McCLUSKY	Vein Cu	106 D 9	2	
35	GRAY	Unclassified	106 D 16	7	Findlay (1969a, p. 16)
36	NEW JERSEY	Unclassified	106 D 16	7	Findlay (1969a, p. 16)

37	PAGISTEEL	Breccia U	106 D 16	5	D.I.A.N.D. (1982, p. 195)
38	AHEARNE	Unclassified	106 D 15	7	Green (1972, p. 139); D.I.A.N.D. (1983, p. 179,181)
39	FRAN	Occurrence Fe	106 D 15	7	Green (1972, p. 143)
40	FORD	Vein Cu Pb	106 D 16	7	
41	SLATS	Vein Cu	106 D 16	7	
42	JEE	Unclassified	106 D 3	9	
43	DRESEN	Vein Cu	106 D 9	7	
44	FOUND	Vein Cu	106 D 16	7	D.I.A.N.D. (1982, p. 198)
45	BUT	Vein Cu	106 D 16	7	
46	NAT	Vein Pb Ag Zn Cu	106 D 3	7	D.I.A.N.D. (1982, p. 198); This Report
47	BRAINE	Vein Zn Pb Cu Ag	106 D 7	5	This Report
48	BOND	Unclassified	106 D 10	6	Green (1972, p. 139)
49	LINGHAM	Vein Pb Zn	106 D 11	7	
50	NEWT	Vein Pb Zn	106 D 11	7	
51	SIHOTA	Vein Cu Zn	106 D 14	7	
52	CLOUTIER	Vein Pb Zn Ag Cu Au	106 D 7	7	
53	SLAB	Unclassified	106 D 16	7	Findlay (1969b, p. 17-18)
54	LOUIE	Vein Cu	106 D 9	7	
55	EATON	Breccia Cu U	106 D 16	7	D.I.A.N.D. (1983, p. 179-180)
56	CORD	Stratiform Pb Zn	106 D 16	6	D.I.A.N.D. (1982, p. 196,198)
57	ZAP	Vein Ag Pb Zn	106 D 8	7	D.I.A.N.D. (1981, p. 241)
58	J.T.	Vein Ag Pb Zn	106 D 3	7	D.I.A.N.D. (1983, p. 179-181)
59	ARCTOS	Breccia U Cu Co Ag	106 D 16	7	D.I.A.N.D. (1982, p. 196-197)
60	RAD	Breccia U Cu Au	106 D 16	7	D.I.A.N.D. (1982, p. 197)
61	URSUS	Breccia U Cu Ag	106 D 16	7	D.I.A.N.D. (1982, p. 197)
62	SPRING	Unclassified	106 D 3	9	D.I.A.N.D. (1981, p. 244)
63	DEAL	Unclassified	106 D 3	9	D.I.A.N.D. (1981, p. 244)
64	FACE	Occurrence U Cu Ag	106 D 16	7	D.I.A.N.D. (1982, p. 197-198)
65	ADUB	Unclassified	106 D 16	9	D.I.A.N.D. (1982, p. 195,198)
66	HAIL	Occurrence U	106 D 16	9	D.I.A.N.D. (1982, p. 195)
67	PIK	Unclassified	106 D 16	9	D.I.A.N.D. (1981, p. 244); D.I.A.N.D. (1982, p. 198)
68	SNOW STAR	Occurrence U	106 D 16	7	D.I.A.N.D. (1982, p. 195)
69	ROD	Vein Ag Pb	106 D 1	6	This Report
70	BLUE LITE	Skarn W	106 D 1	6	D.I.A.N.D. (1981, p. 243-244); This Report
71	BOZO	Unclassified	106 D 10	7	Sinclair et al (1976, p. 62)
72	GNUCKLE	Unclassified	106 D 16	7	Morin et al (1977, p. 125)
73	BAG	Unclassified	106 D 1	7	Morin et al (1980, p. 13)
74	JAZ	Unclassified	106 D 9	7	Morin et al (1979, p. 43)
75	PITCH	Unclassified	106 D 16	7	Morin et al (1979, p. 44)
76	SER	Unclassified	106 D 16	7	Morin et al (1979, p. 45)
77	KATHY	Unclassified	106 D 1	9	Morin et al (1980, p. 14)
78	LEEN	Unclassified	106 D 1	9	D.I.A.N.D. (1982, p. 198)
79	D. BURKE	Unclassified	106 D 3	9	D.I.A.N.D. (1982, p. 198)
80	SHARON	Unclassified	106 D 3	9	D.I.A.N.D. (1982, p. 198)
81	BREFAULT	Unclassified	106 D 3	9	D.I.A.N.D. (1982, p. 198)
82	KISS	Unclassified	106 D 4	9	D.I.A.N.D. (1982, p. 198)
83	COLLEEN	Unclassified	106 D 4	9	D.I.A.N.D. (1982, p. 198)
84	SAM	Unclassified	106 D 16	9	D.I.A.N.D. (1982, p. 198)
85	FOHU	Unclassified	106 D 3	9	
86	NANCY	Unclassified	106 D 11,6	9	D.I.A.N.D. (1983, p. 179,181)
87	NDM	Unclassified	106 D 3	9	D.I.A.N.D. (1985, p. 232)
88	MIKE	Unclassified	106 D 3	9	This Report
89	ESS	Unclassified	106 D 2	9	This Report
90	KING	Unclassified	106 D 3	9	This Report
91	FIREWEED	Unclassified	106 D 3	9	This Report
92	MICHELLE	Unclassified	106 D 3	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

MARG
Archer, Cathro and
Associates (1981) Limited

Stratabound Copper
Lead, Zinc, Silver,
Gold
106 D 1 (3)
(64° 01'N, 134° 28'W)

Reference: D.I.A.N.D. (1985 p. 231,233).

Claims: TUDL 1-32

Source: Summary by D.S. Emond from assessment report 091577 by R.C. Carne.

Current Work and Results:

In 1984, several old hand trenches were cleaned out, and two new ones excavated (totalling 14 m^3). They expose a 16 m stratigraphic thickness of bedrock across the axis of a slightly overturned, east-trending antiform. Three banded limonite-clay horizons are contained within a sequence of tuffaceous? metasedimentary rocks. The lower horizon is 5.5 cm thick and contains low values of base and precious metals; the middle limonitic horizon is between a 5.5 m thick sericitic phyllite and a 4.0 m thick graphitic phyllite. The best interval sampled gave 1.35 % Cu, 9.09 % Pb, 0.54 % Zn, 322.96 g/t Ag and 8.06 g/t Au over 12 cm true thickness and pinches out to the northeast.

The upper limonitic horizon, exposed in an old trench was previously described as "an eight inch (20 cm) vein of maganese and gouge in schist which returned 4.64 oz/t Ag (159.08 g/t Ag)". Resampling in 1984 yielded values of 0.77 % Cu, 9.98% Pb, 0.21% Zn, 197.82 g/t Ag and 2.33 g/t Au over 20 cm. The hangingwall of this zone consists of interbedded black, graphitic phyllite and tan, sericitic phyllite with thin limonit horizons in scattered intervals, and is also mineralized. A weighted average of the vein and hangingwall is 0.44% Cu, 4.52% Pb, 0.14% Zn, 97.37 g/t Ag and 0.21 g/t Au over 1.5 m.

Assay results indicate secondary iron oxide cemented overburden has been subjected to supergene enrichment which consisted of copper-, lead- and silver- and minor gold-enrichment, along with zinc depletion.

A petrologic study of sulphide and barite float samples carried out in 1982 indicates the mineralization to be in a weakly metamorphosed volcanic-sedimentary succession.

*****

ROD
Serem Inc.

Silver,Lead Vein
106 D 1, C 4 (69)
(64°12'N,134°00'W)

Reference: D.I.A.N.D. (1981 p. 237,242; 1985 p. 232).

Claims: ROD 1-100

Source: Summary by D.S. Emond from assessment report 091545 by R.C. Carne (Archer, Cathro and Associates (1981) Limited).

History:

Most of the 1977-1980 exploration was concentrated in the southern claims where carbonate-hosted lead-zinc occurrences are located. Silver-rich galena float mineralization in the north part, underlain by Paleozoic black shales, received little work until 1982 when Serem purchased the property and performed a detailed geochemical and prospecting survey. That exploration outlined a continuous, 2 km-long lead-silver soil anomaly associated with the float.

Current Work and Results:

In 1984, Archer Cathro & Associates (1981) Ltd. were contracted to evaluate the mineralized float occurrences. Two hand trenches were blasted on the northern claims (ROD 35) totalling 237.5 m^3, to expose bedrock at the uphill edge of the lead-silver geochemical anomaly and coincident galena float train. The trenching exposed numerous, narrow, northwest-trending quartz veins stained with yellow oxide mineral (plumbojarosite?). One complex vein-fault reaches a width of 1.3 m, including a 20 cm-wide central zone of massive, fine-grained galena. The vein is bleached and contains clay mineral alteration. Channel samples from the trenches assayed up to 1200 ppm Cu, 820 ppm Pb, 640 ppm Zn and 14.0 ppm Ag. Galena float which was sampled in detail assayed up to 79.20% Pb and 2340.28 g/t Ag.

*****

BRAINE
Archer, Cathro and
Associates (1981) Limited

Zinc,Lead,Copper,
Silver
106 D 7 (47)
(64° 24'N,134° 40'W)

Reference: D.I.A.N.D. (1985 p. 232-234).

Claims: BLENDE 1-15

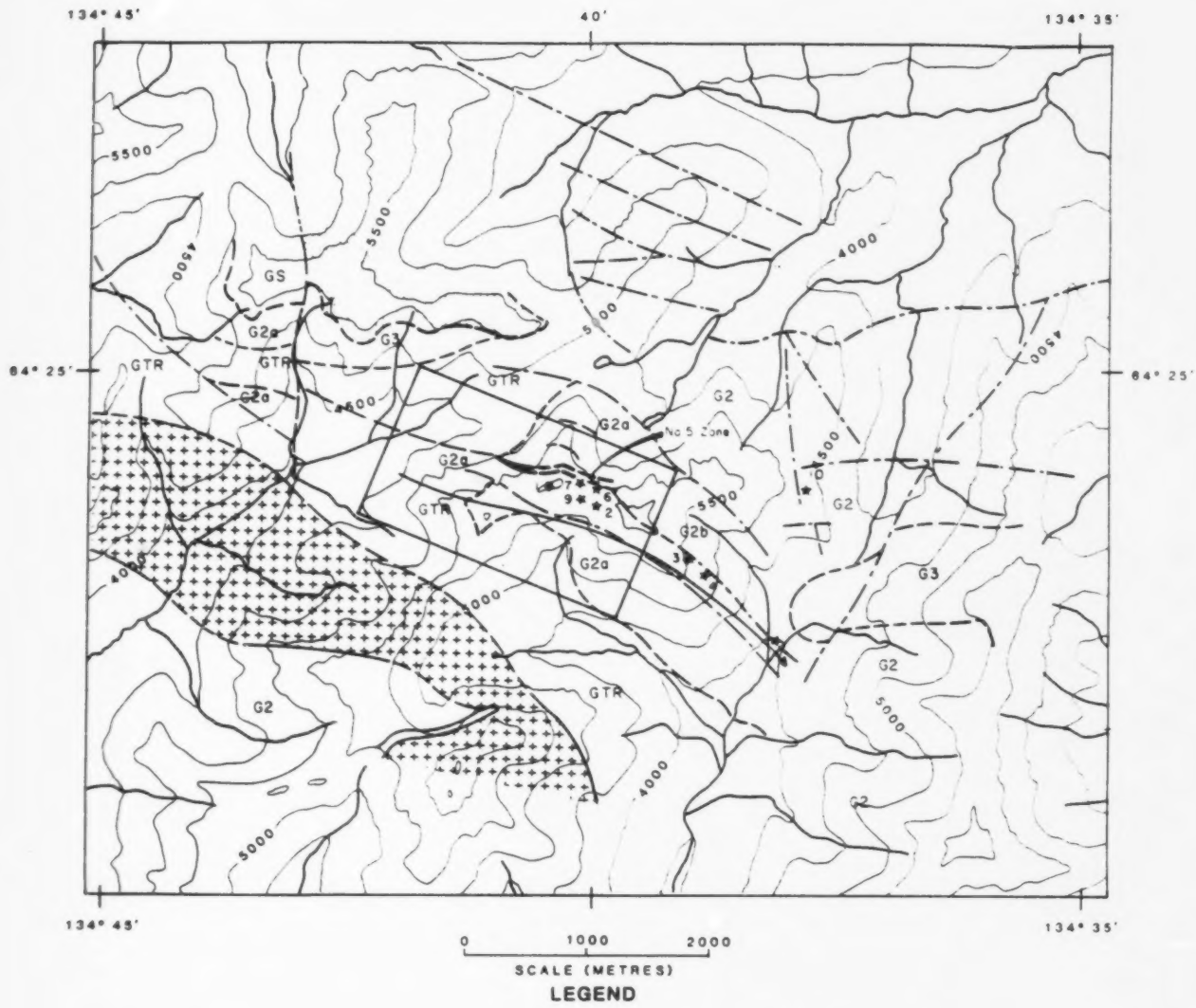
Source: Summary by D.S. Emond from assessment report 091586 by R.C. Carne.

Description:

The BLENDE claims lie immediately north of a major south-dipping, complex, regional fault zone (the Dawson Fault). They are underlain by Helikian or older Wernecke Supergroup sedimentary rocks that are intruded by diorite and gabbro dykes. The Gillespie Lake Group Helikian rocks are orange weathering dolomite with interbedded argillaceous dolomite and lesser chert, shale and argillite. These rocks are divided into three units: 1) a lower dolomite-dominated unit with minor intercalated shale (GTR); 2) overlying argillaceous and stromatolitic dolomite with thin black chert interbeds (the main host to mineralization) overlain by black argillaceous dolomite, shale and chert with minor silty dolomite (G2); and 3) overlying massive bedded stromatolitic or crystalline dolomite (G3) (Figure 1).

The known showings occur within a graben zone about 130 m wide (Figure 2) and are in the form of a sphalerite, galena, pyrite, chalcopyrite and tetrahedrite matrix breccia hosted in, and containing fragments of dolomite of the Gillespie Lake unit G2a. The secondary minerals smithsonite, anglesite, limonite and malachite are also present.

The most important of the ten mineralized zones found to date is the No. 5 Zone (Figure 1) where zinc, lead, silver and minor copper mineralization are poorly exposed on surface for over 800 m of strike, up to 47 m width and 300 m vertical depth. This structure strikes westnorthwest, subparallel to the major regional Dawson Fault and regional folds of Laramide age. However, lead isotope ratios of the mineralization give Helikian model ages indicating that the faults were probably formed during the Hayhook Orogeny.



LEGEND

ORDOVICIAN - SILURIAN

light grey white weathering massive to thick bedded limestone and dolomite

HELIKIAN or OLDER

GILLESPIE LAKE GROUP

G3 — massive stromatolitic dolomite

G2a — orange weathering, massive grey to interbedded light grey and black argillaceous and stromatolitic dolomite with minor chert interbeds

GTR — light orange to maroon-green weathering interbedded maroon and green shale with white to tan dolomite intervals

geological contact (known, assumed)

airphoto linear (suspected faults)

HADRYNIAN or OLDER

orange to brown weathering diorite and gabbro dyke

G2b — interbedded black argillite shale and chert: minor orange weathering dolomite interbeds

G2 — undivided G2a and G2b: may include GTR

QUARTET LAKE GROUP (not shown)

Q2 — interbedded black shales, phyllites, argillites and quartzites

fault (known, assumed)

★ No. 3 ZONE — mineralized area

Figure 1. Geology and location of mineralized zones, Braine property.

Current Work and Results:

Geological mapping (1:2000 scale) was performed on the central claims in 1984. A program of hand trenching (three trenches totalling 20 m^3) and systematic rock chip sampling was conducted in 1984 in order to evaluate the economic potential of the deposit. Trench sampling of No. 5 Zone has given an average grade of 3.63% Pb, 4.32% Zn and 69.25 g/t Ag across a thickness of 13.75 m.

*****

1984 MINERAL CLAIMS STAKED

BLUE LITE
Prism Resources
106 D 1 (70)
(64°14'N, 134°20'W)

Claims 1984: BL 1-6

ESS
S. Van Bibber
106 D 2 (89)
(64°08'N, 134°58'W)

Claims 1984: ESS 1-8

MIKE
C. Shandalla
106 D 3 (88)
(64°05'N, 135°09'W)

Claims 1984: MIKE 1-8

KING
K. Hepner
106 D 3 (90)
(64°03'N, 135°15'W)

Claims 1984: KING 7-10

FIREWEED
S. Stange
106 D 3 (91)
(64°03'N, 135°20'W)

Claims 1984: FIREWEED 1-2

MICHELLE
J. Strebchuk
106 D 3 (92)
(64°06'N, 135°16'W)

Claims 1984: MICHELLE 5-7

PESO (REX)
Rex Silver Mines ltd.
106 D 4 (15)
(64°01'N, 135°56'W)

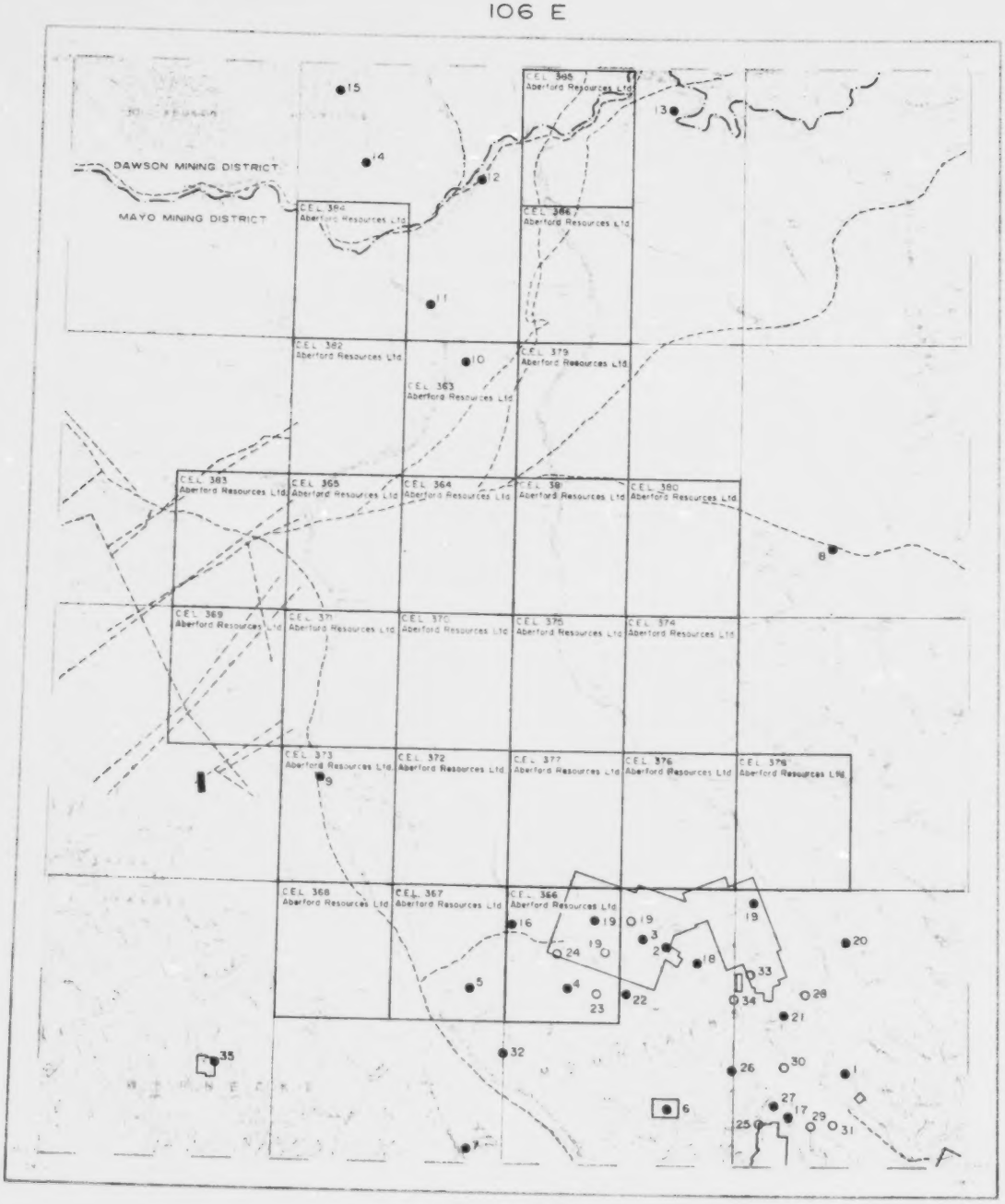
Claims 1984: KYLA 1-6

BRAINE
Archer, Cathro & Assoc. (1981)
106 D 7 (46)
(64°25'N, 134°38'W)

Claims 1984: BLENDE 16-88

NOTES

106 E


DAWSON MINING DISTRICT
MAYO MINING DISTRICT
CEL 385 Aberford Resources Ltd
CEL 384 Aberford Resources Ltd
CEL 386 Aberford Resources Ltd
CEL 382 Aberford Resources Ltd
CEL 379 Aberford Resources Ltd
CEL 363 Aberford Resources Ltd
CEL 383 Aberford Resources Ltd
CEL 365 Aberford Resources Ltd
CEL 364 Aberford Resources Ltd
CEL 381 Aberford Resources Ltd
CEL 380 Aberford Resources Ltd
CEL 369 Aberford Resources Ltd
CEL 371 Aberford Resources Ltd
CEL 370 Aberford Resources Ltd
CEL 375 Aberford Resources Ltd
CEL 374 Aberford Resources Ltd
CEL 373 Aberford Resources Ltd
CEL 372 Aberford Resources Ltd
CEL 377 Aberford Resources Ltd
CEL 376 Aberford Resources Ltd
CEL 378 Aberford Resources Ltd
CEL 368 Aberford Resources Ltd
CEL 367 Aberford Resources Ltd
CEL 366 Aberford Resources Ltd
WHITEHORSE

WIND RIVER
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurence see key on facing page

Unmineralized Target

Mineral Claims in good standing Jan 1985 and staked before Jan 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan 1985)

Placer Claims in good standing (Jan 1985)

Dredging Leases in good standing (Jan 1985)

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

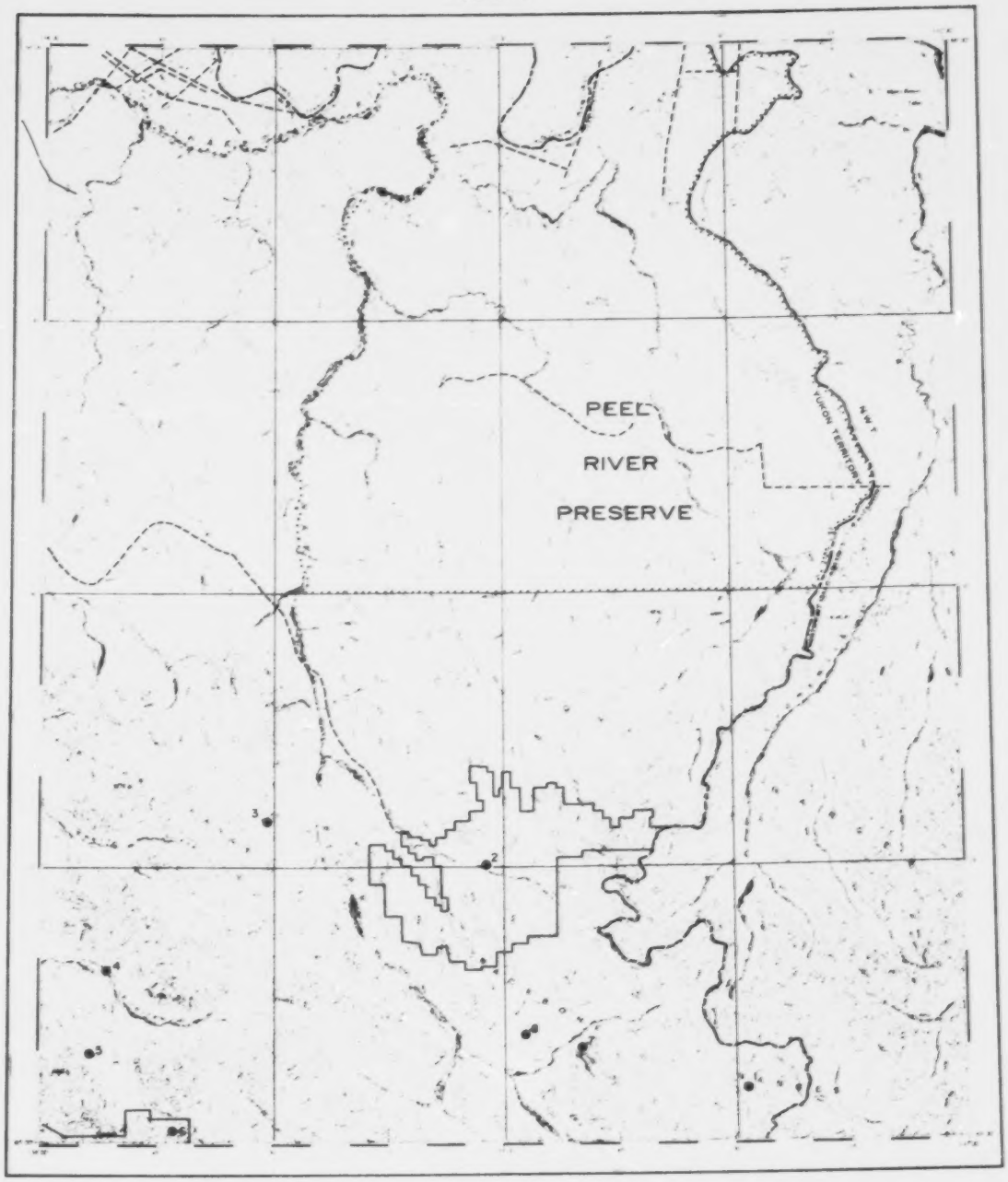
WIND RIVER MAP-AREA (NTS 106 E)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1528A by: D.K. Norris, 1982c.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	IRENE	Occurrence U Cu	106 E 1	7	Blusson (1976, p. 132)
2	GREMLIN	Breccia Cu Ag	106 E 2	7	D.I.A.N.D. (1983, p. 183-185)
3	CHLOE	Occurrence Pb Zn	106 E 2	7	
4	FLUNK	Carbonate-hosted Zn Pb	106 E 2	5	Sinclair et al (1976, p. 65-67)
5	FORSTER (MST)	Stratabound Pb Zn	106 E 3	7	Sinclair et al (1975, p. 67-68); Morin et al (1977, p. 132)
6	IGOR	Breccia Cu U	106 E 2	7	D.I.A.N.D. (1983, p. 183,184)
7	MAGIC	Unclassified	106 E 3	7	Sinclair et al (1975, p. 69)
8	HENDRY (OTS)	Vein Pb Zn Cu	106 E 9	7	Sinclair et al (1975, p. 63-64)
9	PRONGS, BONNET PLUME COALFIELD	Coal	106 E 6	7	Camsell (1907, p. 28); Morin et al (1979, p. 73); McKinney (1985)
10	CHAPPIE	Coal	106 E 11	7	Camsell (1907, p. 27-30)
11	BASIN	Coal	106 E 14	7	Camsell (1907, p. 27-30)
12	SAINVILLE	Coal	106 E 14	7	Camsell (1907, p. 41-46)
13	LOPSTICK	Coal	106 E 14	7	Camsell (1907, p. 41-46)
14	ONCE	Unclassified	106 E 14	7	Sinclair et al (1975, p. 86-87)
15	TUKU	Carbonate-hosted Zn Pb	106 E 14	6	Sinclair et al (1975, p. 87)
16	SLATER	Coal	106 E 2	7	
17	OTIS	Breccia U	106 E 1	7	D.I.A.N.D. (1981, p. 246-247)
18	SCYLLA	Breccia U	106 E 2	7	D.I.A.N.D. (1981, p. 247)
19	DEER	Breccia U	106 E 1,2	7	Morin et al (1980, p. 18-20)
20	BEV	Occurrence Zn Pb	106 E 1	7	Sinclair et al (1976, p. 63)
21	WERNECKE	Occurrence Cu U	106 E 1	7	Morin et al (1980, p. 17)
22	YOGI	Unclassified	106 E 2	7	Morin et al (1980, p. 21)
23	JEANETTE	Unclassified	106 E 2	9	Sinclair et al (1976, p. 70)
24	WINDY	Unclassified	106 E 2	9	Sinclair et al (1976, p. 71)
25	CUS	Unclassified	106 E 1	9	
26	MARTET	Unclassified	106 E 2,1	9	Morin et al (1977, p. 129-129)
27	THORIUM	Unclassified	106 E 1	7	Morin et al (1977, p. 128)
28	MTR	Unclassified	106 E 1	9	Morin et al (1979, p. 48)
29	ORION	Unclassified	106 E 1	9	Morin et al (1979, p. 45-46)
30	GSTD	Unclassified	106 E 1	9	Morin et al (1979, p. 46)
31	POLARIS	Unclassified	106 E 1	9	Morin et al (1979, p. 47)
32	TAR	Unclassified	106 E 1	7	Morin et al (1980, p. 20)
33	RIN	Unclassified	106 E 1	7	Morin et al (1980, p. 18)
34	RAPI	Unclassified	106 E 2,1	9	Morin et al (1979, p. 49)
35	LWR	Vein, Carbonate-hosted Pb Zn	106 E 4	7	D.I.A.N.D. (1983, p. 183-185)

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

106 F



SNAKE RIVER
YUKON TERRITORY - NORTHWEST TERRITORIES

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

Mineral Deposit or Occurence see Key on facing page.

Unmineralized Target.

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984.

Mineral Claims staked in 1984.

Placer Leases in good standing (Jan. 1985).

Placer Claims in good standing (Jan. 1985).

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail.

Drivable Road.

Oil or Gas Well.

Airstrip.

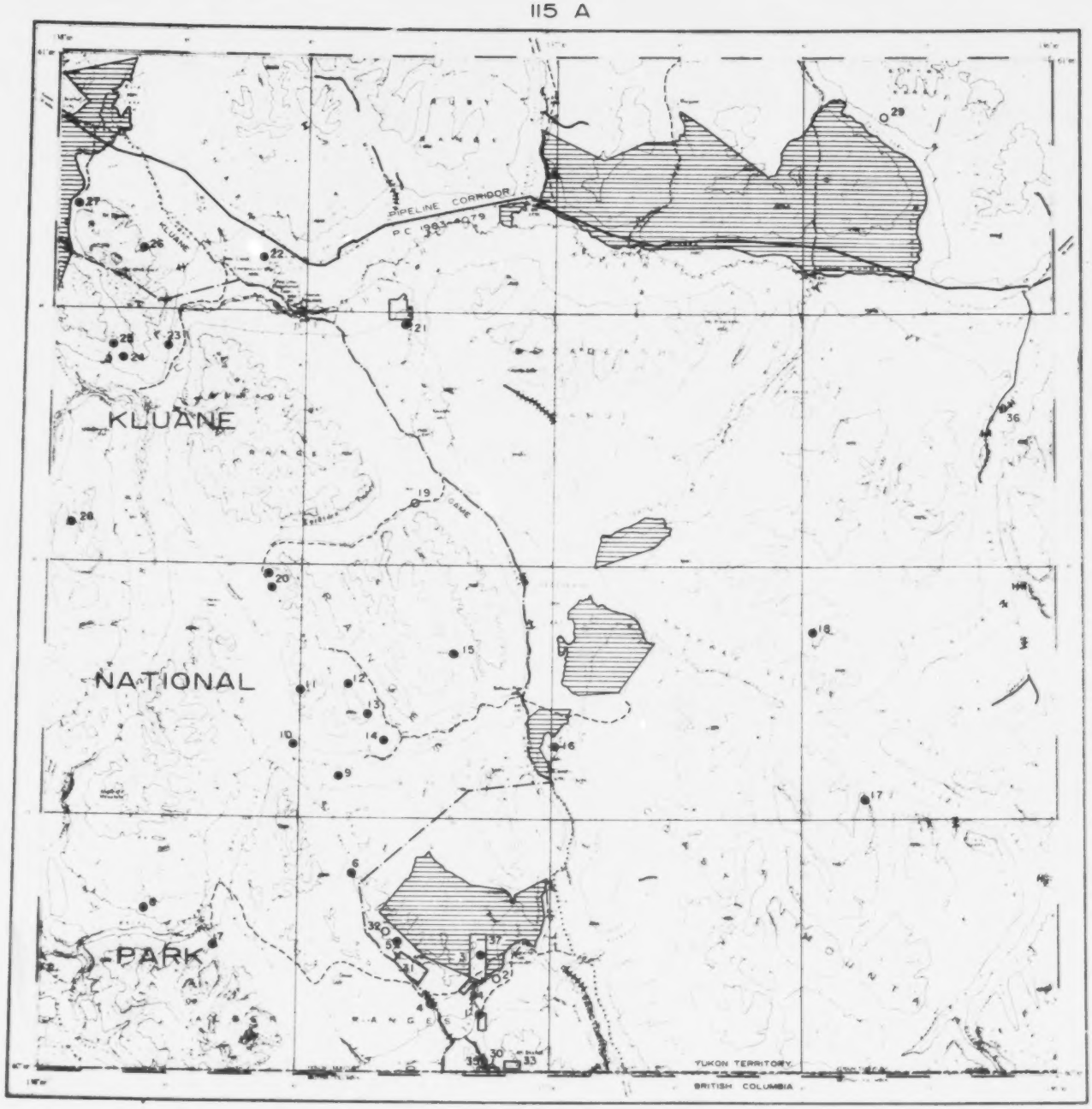
SNAKE RIVER MAP-AREA (NTS 106 F)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1529A by: D.K. Norris, 1982d.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	VYE	Carbonate-hosted Zn	106 F 1	7	
2	CREST	Iron formation and/or ironstone	106 F 6	2	Green & Godwin (1963, p. 15-18); Yeo (1985)
3	HOME	Occurrence Zn	106 F 5	7	
4	PLAINS (KEN)	Carbonate-hosted Zn	106 F 4	6	Sinclair et al (1976, p. 73)
5	YUK	Occurrence Pb Zn	106 F 4	7	Sinclair et al (1976, p. 73)
6	VOLE	Vein Co Cu Ag	106 F 4	7	D.I.A.N.D. (1982, p. 203)
7	LAURA	Unclassified	106 F 2	7	Morin et al (1977, p. 134)
8	BUH	Carbonate-hosted Zn Pb	106 F 2	6	Morin et al (1977, p. 134)

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

115 A



DEZADEASH

YUKON TERRITORY

5 0 5 10 15 20 25 30

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurrence see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985)

Placer Claims in good standing (Jan. 1985)

Dredging Leases in good standing (Jan. 1985)

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Drivable Road

Oil or Gas Well

Airstrip

DEZADEASH MAP-AREA (NTS 115 A)

General Reference: GSC Map 1019A and Memoir 268 by: E.D. Kindle, 1952.
GSC Open File 831 by: R.B. Campbell and C.J. Dodds, 1982c.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	JACKPOT	Vein Cu	115 A 3	5	Findlay (1969b, p. 43-44); Sinclair & Gilbert (1975, p. 72); D.I.A.N.D. (1985, p. 241)
2	DALTON	Unclassified	115 A 3	9	
3	KANE	Vein Ag Pb	115 A 3	5	This Report
4	CHICKALOON	Unclassified	115 A 3	9	
5	PHOTO	Serpentinized peridotite	115 A 3	7	Findlay (1969a, p. 74)
6	MUSH	Vein Cu	115 A 3	7	Skinner (1961, p. 37-38)
7	BATES	Vein Ag Pb	115 A 4	6	Kindle (1953, p. 56)
8	FENTON	Vein Cu	115 A 4	7	
9	CAVE	Volcanic red bed Cu, Vein Ag Cu	115 A 6	7	
10	SHAFT	Occurrence Cu	115 A 5	7	
11	BELOUD	Unclassified	115 A 6,5	7	Kindle (1952,p. 49-50,55)
12	HUSKY	Volcanic red bed Cu	115 A 6	7	
13	WREN	Occurrence Cu	115 A 6	7	
14	KEL	Volcanic red bed Cu	115 A 6	7	
15	SHORTY	Occurrence U	115 A 6	7	Kindle (1952, p. 49,55)
16	KLUKSHU	Occurrence Cu	115 A 7	7	
17	DEVILHOLE	Porphyry Cu Mo Pb	115 A 8	7	
18	KUSAWA	Skarn Cu	115 A 8	7	
19	MILLHOUSE	Unclassified	115 A 11	9	
20	JOHOBO	Volcanic red bed Cu	115 A 5	3	Findlay (1967, p. 55); Kirkham (1971, p. 85)
21	REX	Granite-associated U	115 A 11	2	Findlay (1967, p. 55); Sinclair & Gilbert (1975, p. 73)
22	ELGIN	Skarn Cu	115 A 13	7	
23	STRIDE	Unclassified	115 A 12	7	Kindle (1953, p. 56)
24	SUGDEN	Coal	115 A 12	7	Kindle (1953, p. 58)
25	FERGUSON	Occurrence Au?	115 A 12	7	Bostock (1936b, p. 12); Bostock (1937, p. 11)
26	DECOELI	Vein Cu, Asbestos	115 A 13	7	
27	KLOO	Vein Cu	115 A 13	5	Findlay (1967, p. 54)
28	SOUTHER	Porphyry Cu Mo	115 A 12	7	Souther & Stanciu (1975, p. 66-70)
29	SIFTON	Unclassified	115 A 16	9	D.I.A.N.D. (1981, p. 251)
30	CHARLIE	Unclassified	115 A 3	9	D.I.A.N.D. (1982, p. 205)
31	KID	Unclassified	115 A 3	9	D.I.A.N.D. (1983, p. 189); This Report
32	CYPRIOT	Unclassified	115 A 3	9	D.I.A.N.D. (1985, p. 241)
33	BEAT	Unclassified	115 A 3	9	This Report
34	JILL	Unclassified	115 A 3	9	This Report
35	BURGER KING	Unclassified	115 A 3	9	This Report
36	NAGY	Unclassified	115 A 9	9	This Report
37	WIL	Unclassified	115 A 3	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

KANE — Silver, Gold, Lead
Archer Cathro & Associates Ltd. — Zinc
Everest Resources Corp. — 115 A 3 (3)
Northern Horizon Resources Corp. — (60°07'N,137°09'W)

Reference: D.I.A.N.D. (1985 p. 241; 1981 p. 251).

Claims: TUF 1-8,25-32; WIL 9-32

Source: Summary by D.S. Emond from assessment reports 091593 and 091609 by R.S. Rogers (Rogers Exploration Services Limited), and Exploration and Development Summary 1984 by Archer, Cathro and Associates (1981) Limited.

History:

The area surrounding the claims was prospected in the mid 1950's by George Black who excavated several small hand trenches over surficial showings of galena and chalcopyrite. In the mid 1960's, Johnny Johns of Carcross discovered silver-rich galena on the property and staked it as the MARY and JOHNS claims. In 1969, he optioned the property to a private syndicate headed by Ace Parker who explored the area and did some trenching. In 1970 that group reportedly shipped 13.60 tonnes of hand cobbed high grade ore.

Later, in the 1970's, the property was worked by Jackpot Copper, Skyline Explorations Ltd. and Mr. Johns by geochemical and geophysical surveys and trenching.

In 1979, W. Kuhn staked the TUF 1-8 claims for Northern Horizon Resource Corporation, the TUF 9-48 were added on later that year, and a work program of mapping, prospecting, geochemical sampling, trenching and upgrading of access roads was undertaken. A portion of the TUF group lapsed in 1983 and was restaked as the WIL 1-32 claims. The WIL 1-8 were acquired by Golden Shamrock Resources Ltd. later that year.

In January, 1984, Northern Horizon entered a joint venture agreement with Everest Resources Limited to explore the property.

Description:

The property is underlain by Cretaceous granodiorite and its sheared, brecciated contact with older Pennsylvanian-Permian volcanic rocks (Figure 1). Linear swarms of Oligocene porphyritic dykes are evident in the area of the main showing, the most persistent of which have pervasive argillic alteration. The alteration increases in proximity to the granodiorite contact.

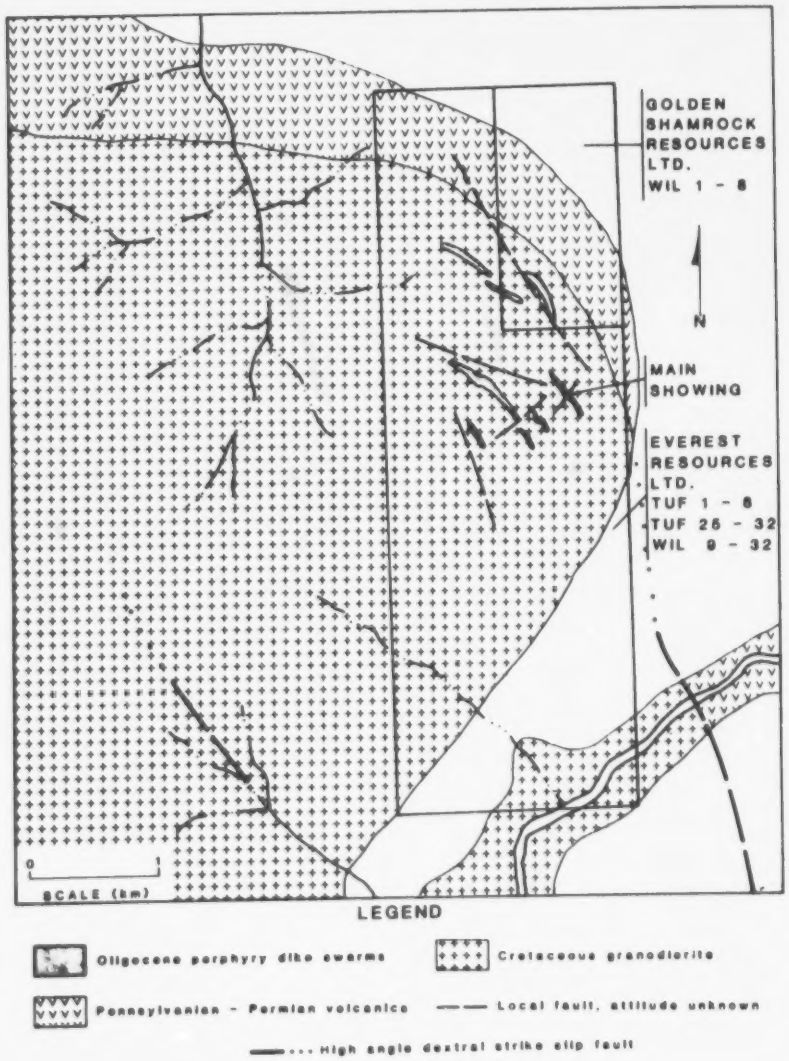

GOLDEN SHAMROCK RESOURCES LTD. WIL 1 - 8
N
MAIN SHOWING
EVEREST RESOURCES LTD. TUF 1 - 8 TUF 25 - 32 WIL 9 - 32
0
SCALE (km)
LEGEND
Oligocene porphyry dike swarms
Cretaceous granodiorite
Pennsylvanian - Permian volcanics
Local fault, attitude unknown
High angle dextral strike slip fault

Figure 1. Geology, location of mineralized zones and claim location, Kane property.

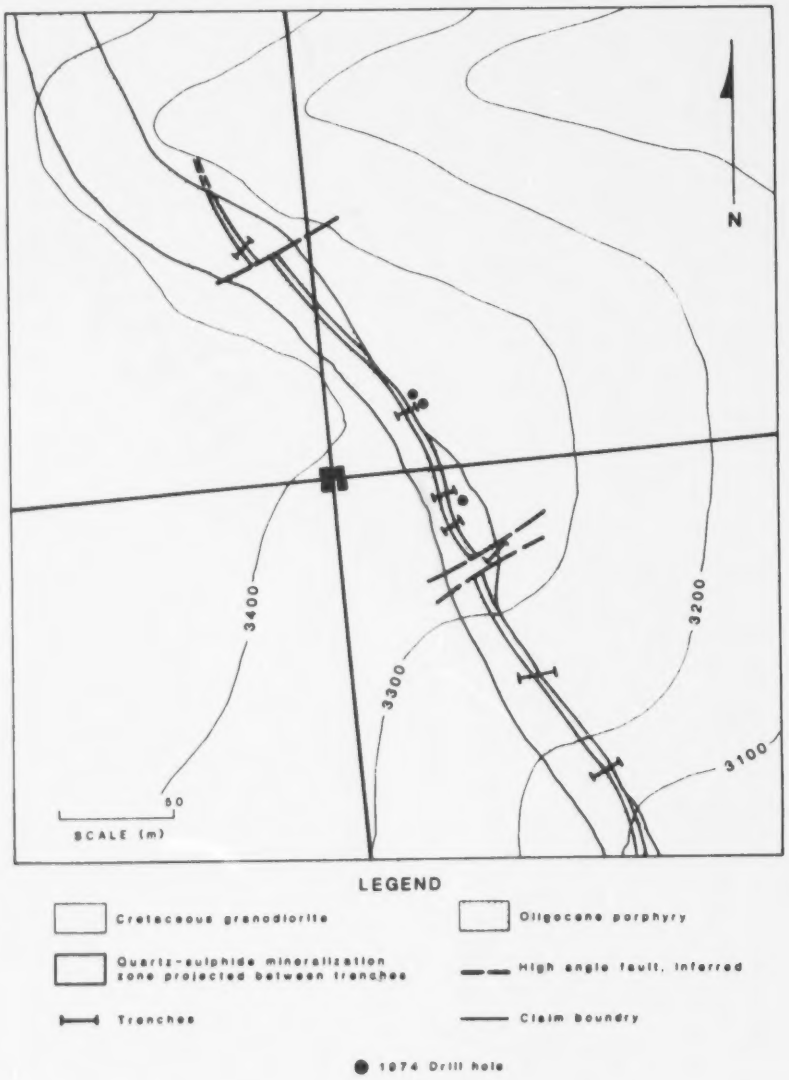


Figure 2. Geology and trench location, main showing, Kane property.

A subparallel set of major northwest-trending, steeply west-dipping faults with some right-lateral displacement is the dominant structure on the property (Figure 2). The dykes mostly follow this trend. Some secondary fault sets also occur in the area.

Mineralization is confined to a zone of intense argillic alteration and brecciation within a grey to buff weathering quartz-hornblende-feldspar porphyry dike. Quartz stockwork occurs within the dyke and as a selvage boundary at the contact of the altered intrusive. Sulphide minerals include galena, tetrahedrite, sphalerite, tennantite and pyrite with auxiliary stibnite, jamesonite and chalcopyrite. The zone parallels the trend of the dyke for over 183 m and appears fault truncated at the north end, but open to the south.

Current Work and Results:

In 1984, the exploration program included road construction, trenching, grid construction, soil geochemical surveys and VLF-EM geophysical surveys. Seven trenches were reopened and sampled. In one trench, the vein assayed 5347.40 g/t Ag, 3.84 g/t Au and 3.62% Pb. A total of 13 533 m of line was cut, 449 soil samples were collected at 30.5 m intervals and were analyzed for copper, silver, lead, zinc, arsenic and antimony.

Archer, Cathro and Associates (1981) Ltd. were granted a lease to explore the property in September. That month, they strip mined on their own account to a depth of 1 m, shipping 18.14 tonnes of hand sorted ore. They geologically mapped the mining area (100x25 m) at 1:100 scale.

******

BURGER KING
Arbor Resources Ltd.

Gold, Silver
115 A 3 (35)
(60° 00'N, 137° 08'W)

Claims: BURGER KING

Source: Summary by D.A. Downing from assessment report 091620 by A.G. Troup.

Description:

The occurrence, which straddles the B.C.-Yukon border, consists of extensive areas of quartz, sericite and pyrite alteration around the northwest trending Duke River Fault. East of the fault are Upper Triassic metasedimentary and metavolcanic rocks cut by Cretaceous diorite and granodiorite stocks. West of the fault, Upper Paleozoic(?) limestone, argillite and siltstone are cut by gabbro and diabase sills. Squaw Creek follows the fault and is intermittently worked for placer gold.

Current Work and Results:

In an attempt to locate the source of the placer gold in Squaw Creek, an exploration program of silt, heavy mineral and rock geochemical sampling was conducted. The 33 silt samples and 31 heavy mineral samples were analyzed for 25 elements. Gold values for the silt samples ranged from 10-30 ppb and for the heavy mineral samples up to 42 g/t. The 57 rock chip samples were collected from quartz veins and pyritic zones on the west side of the creek. Generally the gold concentrations were below 0.4 g/t, but one 3m wide vein returned an assay of 1.1 g/t.

*****

WIL
Golden Shamrock Resources Ltd. 115 A 3 (37)
(60° 08'N, 137° 08'W)

Claims: WIL 1-8

Source: Summary by D.S. Emond from assessment report 091593 by R.S. Rogers (Rogers Exploration Services Ltd.).

History:

The property was staked in 1983 and purchased in 1984 by Golden Shamrock.

Description:

The southern claims are underlain by altered granodiorite (argillized) cut by shear zones and by Permian volcanic rocks. Three outcrops of porphyry dykes (probably Oligocene) occur along a northwest linear trend.

Current Work and Results:

Preliminary geological investigation of the property was conducted in fall, 1984. The dyke swarm geological setting is similar to the adjacent KANE property.

*****

1984 MINERAL CLAIMS STAKED

KID
R.S. Rogers

115 A 3 (31)
(60°06'N, 137°18'W)

Claims 1984: JUNIOR 1-32

BEAT
D. Bending

115 A 3 (33)
(60°01'N, 137°04"W)

Claims 1984: BEAT 1-8

JILL
G. Davidson

115 A 3 (34)
(60°05'N, 137°11'W)

Claims 1984: JILL 1-8

BURGER KING
C.R. Little

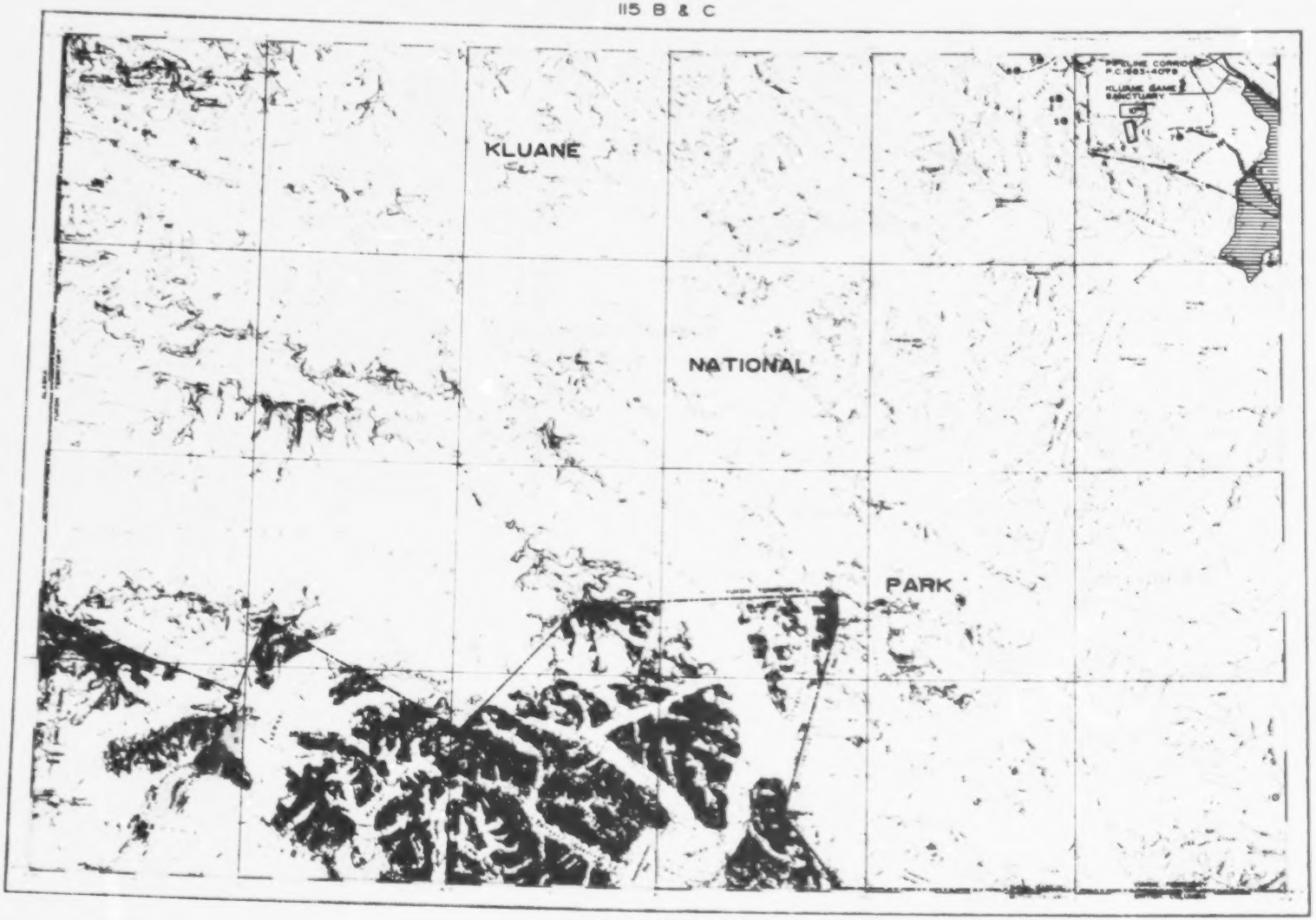
115 A 3 (35)
(60°01'N, 137°08'W)

Claims 1984: BURGER KING

NAGY
C. Blascsok

115 A 9 (36)
(60°39'N, 136°06'W)

Claims 1984: NAGY 1



MOUNT ST. ELIAS

YUKON TERRITORY - ALASKA

0 5 10 15 20 25 30

Kilometres

Lands withdrawn from staking due to Native Land Claims 1966 specific claim map for accurate location and additional sites of withdrawal

Mineral Deposit or Occurance see Key on facing page.

Unimproved Target

Mineral Claims in good standing Jan. 1965 and staked before Jan. 1964

Mineral Claims staked in 1964

Placer Leases in good standing (Jan. 1965)

Placer Claims in good standing (Jan. 1965)

Dredging Leases in good standing (Jan. 1965)

CEL Coal Exploration Licence

CML Coal Mining Lease

Yeta Trail

Driveable Road

Oil or Gas Well

Airstrip

MOUNT ST. ELIAS MAP-AREA (NTS 115 B-C)

General Reference: GSC Map 1143A by: J.O. Wheeler, 1963.
GSC Open File 830 by: R.B. Campbell and C.J. Dodds, 1982b.

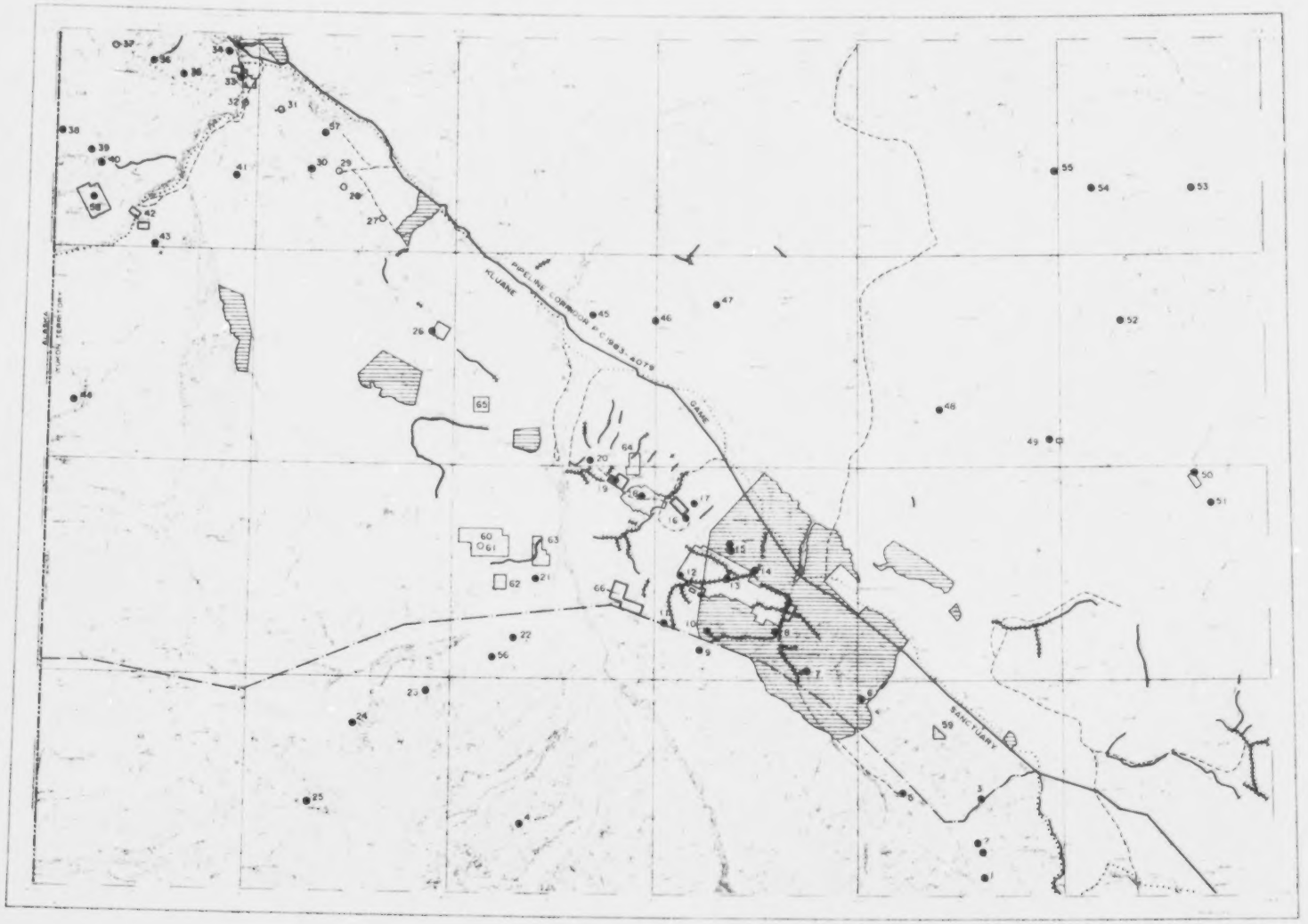
NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	PLUG	Occurrence Cu Ag	115 B 1	7	
2	KASKAWULSH	Occurrence Cu Ag	115 B 9,16	7	
3	KIMBERLEY	Coal	115 B 16	7	Kindle (1952, p. 58)
4	JARVIS	Unclassified	115 B 16	7	McConnell (1905, p. 1-18)
5	DULUTH	Mafic/ultramafic-associated Ni Cu	115 B 15	7	
6	GIBBONS	Mafic/ultramafic-associated Ni Cu	115 B 15	7	
7	TELLURIDE	Stratiform Cu Zn Ag Au Ni	115 B 16	7	
8	BULLION	Stratabound Gypsum Cu Pb	115 B 15	7	
9	SHEEP	Unclassified	115 B 15	9	McConnell (1905, p. 1-18)
10	KUL	Unclassified	115 B 16	9	D.I.A.N.D. (1985, p. 243)
11	JENNIFER	Unclassified	115 B 16	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

1984 MINERAL CLAIMS STAKED

JENNIFER — 115 B 16 (11)
S.J. Hill — (60°52'N, 138°23'W)

Claims 1984: JENNIFER 1-10



KLUANE LAKE
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims. (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurrence (see map on facing page)

Commercial Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985)

Placer Claims in good standing (Jan. 1985)

Dredging Leases in good standing (Jan. 1985)

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

KLUANE MAP-AREA (NTS 115 F-G)

General Reference: GSC Map 1177A and Memoir 340 by: J.E. Muller, 1967.
GSC Open File 829 by: R.B. Campbell and C.J. Dodds, 1982a.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	METALLINE	Unclassified	115 G 2	7	McConnell (1905, p. 18)
2	STOVE	Coal	115 G 2	7	Muller (1967, p. 113-114)
3	CONGDON	Mafic/ultramafic-associated Ni Cu	115 G 2	7	Sinclair & Gilbert (1975, p. 66-67)
4	MULLER	Coal	115 G 4	7	Muller (1967, p. 112)
5	DICKSON	Mafic/ultramafic-associated Ni Cu Co	115 G 2	7	
6	DESTRUCTION	Mafic/ultramafic-associated Ni Cu	115 G 2	7	
7	WINDGAP	Asbestos	115 G 6	7	Craig & Laporte (1972, p. 153-154)
8	DUKE	Asbestos	115 G 6	7	
9	HOGE	Coal	115 G 6	7	Muller (1967, p. 113-115)
10	AMPHITHEATER	Coal	115 G 6	7	Muller (1967, p. 113-115)
11	WADE	Occurrence Cu Ag	115 G 6	7	
12	CORK	Porphyry Cu Mo	115 G 6	5	D.I.A.N.D. (1981, p. 256)
13	GLEN	Mafic/ultramafic-associated Ni Cu, Occurrence Au	115 G 6	7	This Report
14	BURWASH	Unclassified	115 G 6	7	Cairnes (1915b, p. 31)
15	JACQUOT	Volcanic red bed Cu	115 G 6	7	Kirkham (1971, p. 85); Craig & Laporte (1972, p. 103)
16	QUILL	Volcanic red bed Cu	115 G 6	7	Findlay (1969a, p. 70-72); Kirkham (1971, p. 85); This Report
17	VERSLUCE	Unclassified	115 G 6	7	Findlay (1969a, p. 70-72)
18	WELLGREEN	Mafic/ultramafic-associated Ni Cu	115 G 5	3	Eckstrand (1972, p. 81-82); Sinclair & Gilbert (1975, p. 64-65)
19	AIRWAYS	Mafic/ultramafic-associated Cu Ni	115 G 5	7	D.I.A.N.D. (1983, p. 193,195); This Report
20	MUSKETEER	Mafic/ultramafic-associated Cu Ni	115 G 12	7	
21	CEMENT	Coal	115 G 5	7	McConnell (1905, p. 18); McConnell (1906, p. 19-26)
22	ST. ELIAS	Occurrence Mo	115 G 5	7	Skinner (1961, p. 36)
23	SHARPE	Unclassified	115 F 1	7	Muller (1967, p. 112)
24	GALLOPING	Unclassified	115 F 1	7	Skinner (1961, p. 36)
25	ICEFIELD	Unclassified	115 F 1	7	Skinner (1961, p. 36)
26	GARLIC	Occurrence Cu Mo Au	115 F 9	7	D.I.A.N.D. (1983, p. 193-194)
27	LIBERTY	Occurrence Cu Ni	115 F 16	7	
28	DUENSING	Unclassified	115 F 16	9	
29	CATS AND DOGS	Occurrence Cu Ni	115 F 16	7	D.I.A.N.D. (1983, p. 193,195)
30	MEXICO	Skarn Cu	115 F 16	7	
31	PICKHANDLE	Unclassified	115 F 16	7	Kirkham (1971, p. 85)
32	SEVENSMA	Unclassified	115 F 15	9	
33	CANALASK	Mafic/ultramafic-associated Ni Cu	115 F 15	2	Findlay (1969b, p. 39); Eckstrand (1972, p. 81-82); Sinclair & Gilbert (1975, p. 60-61)
34	EPIC	Vein Cu Mo	115 F 15	7	
35	TAYLOR	Skarn Cu Mo	115 F 15	7	
36	SANPETE	Skarn Cu Fe	115 F 15	7	Craig & Milner (1975, p. 37-38)
37	HUMP	Unclassified	115 F 15	7	Johnston (1915, p. 193)
38	MEMOIR	Unclassified	115 F 15	7	Cairnes (1915b, p. 141)

39	MCLENNAN	Unclassified	115 F 15	7	Cairnes (1915b, p. 141)
40	RABBIT	Vein Cu	115 F 15	7	Cairnes (1915b, p. 123-124)
41	LEP	Unclassified	115 F 15	7	Craig & Milner (1975, p. 38-39)
42	WHITERIVER	Volcanic red bed Cu	115 F 15	6	Sinclair et al (1975, p. 138-139); D.I.A.N.D. (1982, p. 210); D.I.A.N.D. (1985, p. 247)
43	SHARE	Unclassified	115 F 15	9	
44	KLETSAN	Occurrence Cu	115 F 10	7	Moffit & Knopf (1910, p. 51-57); Findlay (1969b, p. 42)
45	ELEVENTHIRTY	Skarn W Cu	115 G 12	7	Bostock (1952, p. 40)
46	KENNEDY	Skarn W Cu	115 G 12,11	7	Bostock (1952, p. 40)
47	TINCUP	Asbestos	115 G 11	7	D.I.A.N.D. (1981, p. 256)
48	BROOKS	Occurrence Mo	115 G 10	7	Muller (1967, p. 112-113)
49	TALBOT	Occurrence Cu	115 G 10	7	D.I.A.N.D. (1981, p. 256)
50	RAFT	Porphyry Mo W	115 G 8	7	D.I.A.N.D. (1981, p. 256)
51	ROCKSLIDE	Unclassified	115 G 8	7	Muller (1967, p. 112-113); D.I.A.N.D. (1982, p. 210)
52	DWARF	Unclassified	115 G 9	7	Sinclair & Gilbert (1975, p. 70-71)
53	BIRCH	Unclassified	115 G 16	7	Craig & Milner (1975, p. 83)
54	BRUMMER	Unclassified	115 G 16	7	Craig & Milner (1975, p. 85-86)
55	RHYOLITE	Porphyry Cu Mo	115 G 15	7	Craig & Milner (1975, p. 83,87)
56	NICK	Mafic/ultramafic-associated Ni Cu	115 G 5	7	
57	KOIDERN (M)	Unclassified	115 F 16	9	Morin et al (1977, p. 165)
58	CAN	Vein Au Cu	115 F 15	7	D.I.A.N.D. (1985, p. 246-247)
59	BOCK	Unclassified	115 G 2	9	D.I.A.N.D. (1985, p. 247)
60	MAR	Unclassified	115 G 5	9	This Report
61	NORTH C	Unclassified	115 G 5	9	D.I.A.N.D. (1985, p. 247)
62	SOUTH C	Unclassified	115 G 5	9	D.I.A.N.D. (1985, p. 247)
63	EAST C	Unclassified	115 G 5	9	D.I.A.N.D. (1985, p. 247)
64	SJ	Unclassified	115 G 5,12	9	D.I.A.N.D. (1985, p. 247)
65	YNX	Unclassified	115 G 12	9	D.I.A.N.D. (1985, p. 247)
66	WADE CREEK	Unclassified	115 G 5	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

MAR
Noranda Exploration Company Ltd. 115 G 5 (60)
(61°25'N,139°54'W)

Reference: D.I.A.N.D. (1985 p. 247).

Claims: MAR 1-4, CEM 1-91

Source: Summary by D.A. Downing from assessment reports 091578 and 091608 by M. Savell and property visit by J. Morin.

History:

The occurrence was staked by G. Friebergs in 1983 and optioned to Noranda Exploration Company Ltd. in 1984.

Description:

Gently folded Oligocene Amphitheatre Formation clastic sediments overlie Station Creek volcanics and are intruded by Miocene dykes and sills. In addition, Wrangell lavas unconformably overlie the sediments and intrude them with dykes and sills. The claims are cut by NNW trending vertical faults that predate the intrusive rocks. Argillic and pyritic alteration is localized along faults and the inner brecciated margins of rhyolite dykes.

Current Work and Results:

The MAR claims were geologically mapped at a scale of 1:1250 using a chain and compass grid where the severe topography allowed access. The encompassing CEM claims were geologically mapped at a scale of 1:10000.

Geochemical sampling of 111 silts and talus fines, 33 soils, 32 rocks and 17 panned concentrates were analyzed for seven elements.

*****

GLEN,CORK 115 G 6 (13)
Halferdahl and Associates Ltd. (61°22'N,139°23'W)

Reference: D.I.A.N.D. (1985 p. 244-247).

Claims: EL (53); JO (15); SUE (9); KAT (28); NAN (4); JAN (17); DEN (8); WEN (5); AND (5); JY (29)

Source: Summary by D.S. Emond from assessment report 091585 by L.B. Halferdahl (Halferdahl and Associates Ltd.).

Current Work and Results:

The 1984 exploration program consisted of geological mapping, a magnetometer survey (seven traverses 600 m long at 10 m intervals), geochemical sampling (48 soil samples collected along three 300 m long lines, 24 panned concentrates), bulldozer trenching and stripping, overburden drilling (136 holes) and road construction.

Overburden drilling revealed several gold-copper and some lead anomalies at, or near a fault previously detected by geophysics. One trench exposed an auriferous tuff layer with highly anomalous concentrations of copper and molybdenum. That trench almost exposed the zone of "wormy" tuff previously intersected in a drill hole which contained anomalous amounts of gold, copper and molybdenum.

Gold is present in heavy mineral samples from part of one creek. Magnetometry and soil geochemistry have not yet been successful in tracing the gold concentrations in heavy minerals from part of another creek, but magnetometry has aided in interpretation of the geology. The same bedrock source is thought to contribute the gold to both creeks.

*****

1984 MINERAL CLAIMS STAKED

WADE
Noranda Exploration Co. Ltd.

115 G 5 (66)
(61°20'N, 139°35'W)

Claims 1984: WADE 1-38

GLEN
L.B. Halferdahl

115 G 6 (13)
(61°20'N, 139°10'W)

Claims 1984: EL 77-84

QUILL
N. Smalley

115 G 6 (16)
(61°27'N, 139°26'W)

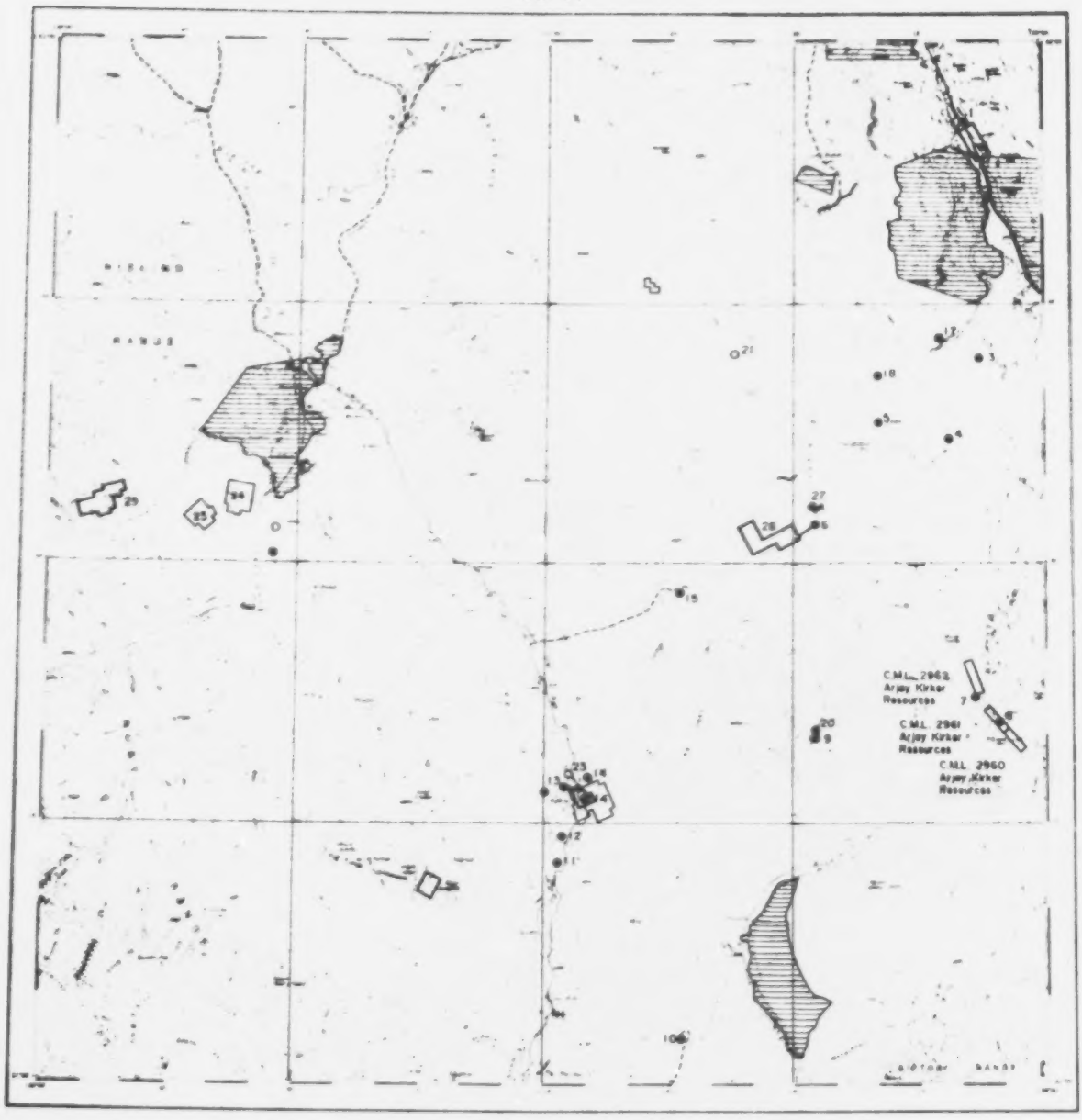
Claims 1984: E 1-12

AIRWAYS
N. Smalley

115 G 6 (19)
(61°29'N, 139°35'W)

Claims 1984: N 1-2, D 1-7

115 H



AISHIHIK LAKE
YUKON TERRITORY

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

Mineral Deposit or Occurrence see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985)

Placer Claims in good standing (Jan. 1985)

Dredging Leases in good standing (Jan. 1985)

CEL Coal Exploration Licences

CML Coal Mining Leases

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

AISHIHIK LAKE MAP-AREA (NTS 115 H)

General Reference: GSC Map 17-1973 and Paper 73-41
by: D.J. Templeman-Kluit, 1974a.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	LOSCH	Unclassified	115 H 16	7	Cairnes (1910, p. 49); This Report
2	ANDESITE	Coal, Occurrence U	115 H 16	7	D.I.A.N.D. (1983, p. 197-198)
3	AH	Vein Cu	115 H 9	7	
4	MACK'S	Skarn Cu	115 H 9	7	Craig & Milner (1975, p. 80-81)
5	SNIPE	Occurrence Cu	115 H 9	7	
6	KIRK	Occurrence Cu	115 H 9	7	
7	VOWEL	Unclassified	115 H 8		Cairnes (1908, p. 10-15)
8	DIVISION	Coal	115 H 9	7	
9	LION	Occurrence Mo Pb	115 H 8	7	
10	MORAINE	Skarn Cu W	115 H 2	7	D.I.A.N.D. (1981, p. 258); D.I.A.N.D. (1983, p. 197)
11	GILTANA	Unclassified	115 H 2	9	D.I.A.N.D. (1981, p. 258)
12	AISHIHIK	Skarn Cu Fe	115 H 2	7	Sinclair & Gilbert (1975, p. 69-70); D.I.A.N.D. (1981, p. 258)
13	JANISIW	Skarn Cu	115 H 7	6	D.I.A.N.D. (1982, p. 213)
14	HOPKINS (ML)	Skarn Cu Fe Au	115 H 7	6	Morin et al (1980, p. 46); This Report
15	SATO	Occurrence Cu Mo	115 H 7	7	Craig & Milner (1975, p. 88-89)
16	SEKULMUN	Skarn Zn Pb (Ag Sn)	115 H 12	7	
17	ORLOFF	Occurrence Au	115 H 9	7	D.I.A.N.D. (1982, p. 213)
18	SHAD	Occurrence Cu	115 H 9	7	
19	BUFFALO	Unclassified	115 H 15	9	D.I.A.N.D. (1981, p. 258)
20	BUN	Unclassified	115 H 8	7	Morin et al (1977, p. 167)
21	TOSH	Unclassified	115 H 10	9	Morin et al (1980, p. 46)
22	SEK	Unclassified	115 H 12	9	Morin et al (1980, p. 47)
23	SIDE	Unclassified	115 H 7	9	D.I.A.N.D. (1982, p. 213)
24	HATCH	Skarn Mo Cu W, Vein Au	115 H 12	7	This Report
25	HIK	Unclassified	115 H 12	9	This Report
26	ITTLE	Unclassified	115 H 3	9	This Report
27	RAM TWO	Unclassified	115 H 9	9	This Report
28	SNAP	Unclassified	115 H 9,10	9	This Report
29	AL	Unclassified	115 H 12	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

HATCH
Canadian Occidental Petroleum Ltd.
Hudson Bay Exploration and
Development Ltd.

Molybdenum
Porphyry, Copper
Tungsten Skarn,
Gold Silver Lead
Zinc Vein
115 H 12 (24)
(61° 33'N,137° 38'W)

Reference: D.I.A.N.D. (1984 p. 249).

Claims: THATCH, HATCH, PATCH and CATCH groups

Source: Summary by D.A. Downing from a property visit and assessment report 091550 by D.A. Downing.

History:

During the early 1970's the property was staked and worked as a copper-molybdenum porphyry prospect. In 1981 and 1982 copper-tungsten bearing skarn horizons were trenched followed by deepening of the trenches locally on quartz-sulphide veins in 1983.

Description:

A small Cretaceous(?) leucocratic granite stock intrudes schist, skarn and quartzite. An aureole of metasomatic alteration of both the metasedimentary rocks and the intrusion is localized around the intrusive contact. Sheeted quartz-sulphide veins are superimposed on an earlier extensive quartz vein stockwork developed in the metasedimentary rocks.

Current Work and Results:

In 1984, 886.4 m of NQ diamond drilling was completed in 12 holes. The bulk of the drilling was confined to the area of previous trenching along the southeast intrusive contact. Several of the sulphide-bearing sheeted quartz veins were intersected and found to contain precious metal values. The "Main Vein" returned values averaging 6.86 g/t Au and 13.71 g/t Ag over a 0.2 m true thickness.

Limited detailed VLF-EM and magnetometer surveys were also conducted.

*****

HIK
Kerr Addison Mines Ltd.

Gold
115 H 12 (25)
(61°33'N,137°42'W)

Reference: D.I.A.N.D. (1985 p. 249).

Claims: HIK 1-32

Source: Summary by D.A. Downing from assessment report 091555 by D. Arscott and H. Copland.

History:

The HIK claims were staked in 1983 over ground with no previous claim history.

Description:

The claims cover a dominantly felsic volcanic assemblage of interbedded flows and pyroclastics sitting on a basement of schists and gneisses. A 400 m wide halo of very weak clay with locally siliceous alteration encloses a chalcedonic quartz vein.

Current Work and Results:

Work in 1984 included 15 km^2 of 1:5000 scale geological mapping, trenching and geochemical rock sampling. Trenching and mapping of the 170 cm wide vein and parallel secondary veins located the vein over a 600 m strike length with a possible strike length of up to 1600 m. Gold values from 19 grab samples of vein material averaged 454 ppb with a peak value of 2030 ppb.

*****

AL
Kerr Addison Mines Ltd.

Gold
115 H 12 (29)
(61°33'N,137°55'W)

Claims: AL 1-40

Source: Summary by D.A. Downing from assessment report 091598 by H. Copland.

History:

The AL claims were staked in 1984 over ground with no previous claim history.

Current Work and Results:

The AL claims were staked in 1984. Property work consisted of 1:5000 scale geological mapping on a 6 km^2 grid. A total of 89 rock samples collected from talus and outcrop were geochemically analyzed for silver, antimony, arsenic and gold with 14 of the samples tested for tungsten and tin. Geochemical and mapping results were plotted on a prepared orthophoto.

The claims cover Tertiary Mt. Nansen volcanics ranging from basalt to rhyolite in contact with phyllite to the south. Several zones, up to several hundred meters square, of silicified metamorphic rock and breccias were located within the volcanic units. The brecciated areas are geochemically anomalous in gold, antimony, arsenic and silver. Values range from 20-275 ppb Au, 3.7-5 ppm Ag, 10.6-13.8 ppm Sb and 200-500 ppm As. One grab sample of intensely silicified quartz schist and quartzite ran 2550 ppb Au. Quartz veinlets and veins up to 1 m in thickness are found on the western half of the property. Grab samples of these veins ranged from 20-390 ppb Au.

*****

1984 MINERAL CLAIMS STAKED

ITTLE
Kerr Addison Mines Ltd.

115 H 3 (26)
(61°11'N, 137°14'W)

Claims 1984: ITTLE 1-20

HOPKINS (ML)
D. Baird

115 H 7 (14)
(61°16'N, 136°55'W)

Claims 1984: ACME 1-13

RAM TWO
U. Lenz

115 H 9 (27)
(61°33'N, 136°28'W)

Claims 1984: RAM TWO

SNAP
J. Dodge et al

115 H 9,10 (28)
(61°31'N, 136°35'W)

Claims 1984: SNAP 1-61

AL
Kerr Addison Mines Ltd.

115 H 12 (29)
(61°33'N, 137°53'W)

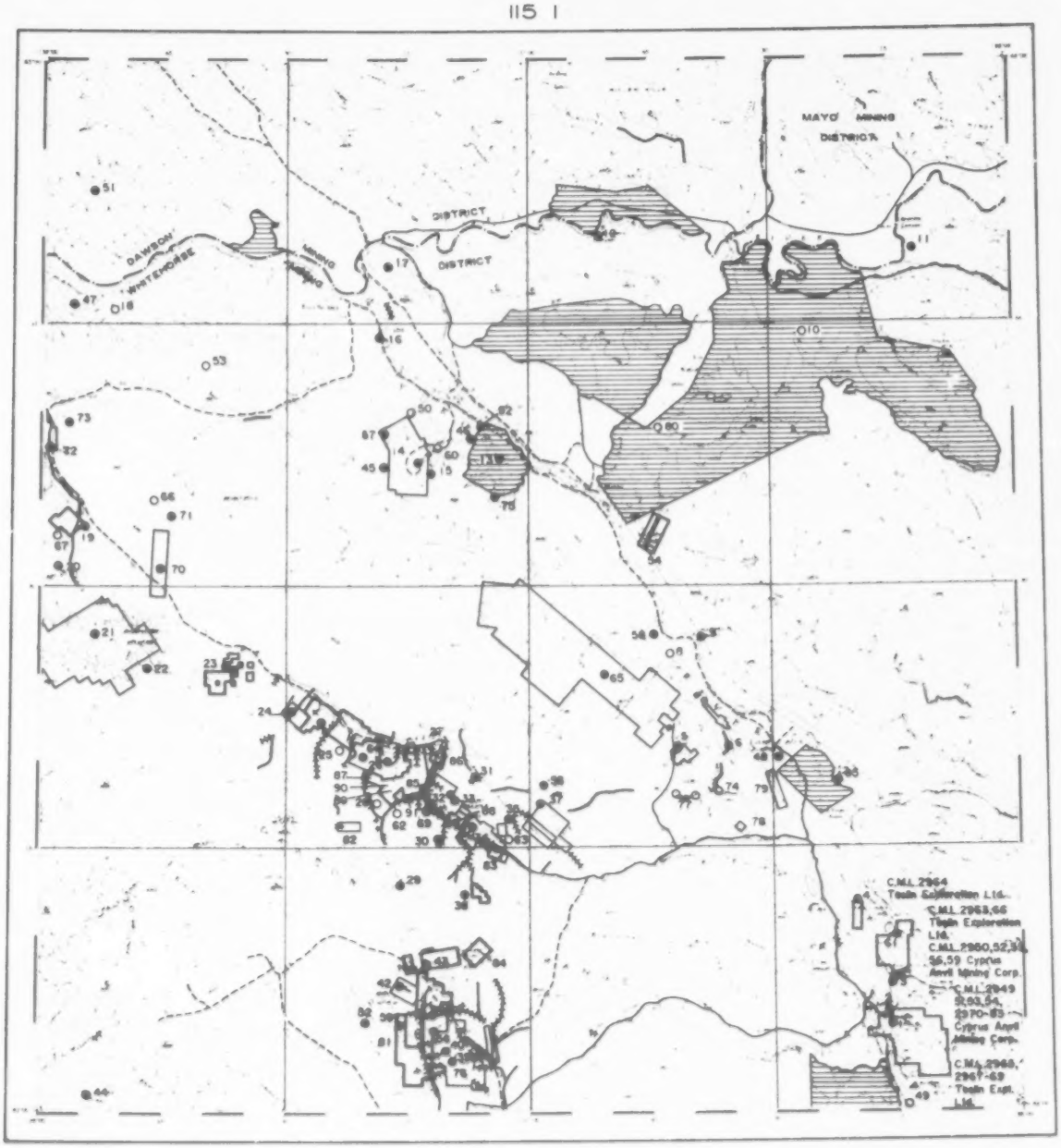
Claims 1984: AL 1-40

LOSCH
A. Carlos
G. Harris

115 H 16 (1)
(61°54'N, 136°07'W)

Claims 1984: POWER 1-32

115 I



CARMACKS
YUKON TERRITORY

0 1 2 3 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurrence see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1983) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1983)

Placer Claims in good standing (Jan. 1983)

Dredging Leases in good standing (Jan. 1983)

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Oil or Gas Well

Airstrip

CARMACKS MAP-AREA (NTS 115 I)

General Reference: GSC Open File 200 by: D.J. Tempelman-Kluit, 1972.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	SOUTH TANTALUS	Coal	115 I 1	7	Findlay (1967, p. 89)
2	TANTALUS MINE	Coal	115 I 1	4	Cairnes (1910, p. 59-63); Bostock (1936, p. 58-59)
3	TANTALUS BUTTE	Coal	115 I 1	3	Cairnes (1910, p. 52-53); Findlay (1969a, p. 114); Sinclair et al (1975, p. 168)
4	FIVE FINGERS MINE	Coal	115 I 1	7	Bostock (1936, p. 62-63)
5	WILLIAMS CREEK	Metamorphosed Cu deposit	115 I 7	3	Sinclair (1977, p. 80-81 in Morin et al , 1977)
6	MERRICE	Vein Cu	115 I 7	7	Brock (1910, p. 14-26)
7	BONANZA KING	Vein Cu	115 I 7	7	Green (1966, p. 42-44)
8	MAUD	Unclassified	115 I 7	9	
9	HOOCHEKOO	Unclassified	115 I 7	7	Dawson (1889, p. 145 B)
10	TOWHATA	Unclassified	115 I 9	9	Bostock (1936, p. 63)
11	NEEDLEROCK	Coal	115 I 16	7	McConnell (1903, p. 31,38)
12	BRADENS CANYON	Occurrence Cu	115 I 15	7	Carriere et al (1981)
13	COIN	Unclassified	115 I 11	7	Sinclair & Gilbert (1975, p. 48-49)
14	MINTO	Metamorphosed Cu Ag Au deposit	115 I 11	2	Sinclair et al (1975, p. 96-100)
15	PAL	Metamorphosed Cu Ag Au Mo deposit	115 I 11	7	Sinclair et al (1975, p. 100-101)
16	GRENIER	Unclassified	115 I 11	7	Bostock (1936, p. 63)
17	PELLY	Occurrence Cu Mo	115 I 14	7	D.I.A.N.D. (1982, p. 216)
18	MINNESOTA	Unclassified	115 I 13	9	
19	TAD	Porphyry Cu Mo	115 I 12	6	Craig & Milner (1975, p. 77-79); D.I.A.N.D. (1982, p. 219)
20	PHELPS	Unclassified	115 I 12	7	Craig & Laporte (1972, p. 71-72)
21	FROG	Vein Ag Pb	115 I 5,J 8	7	D.I.A.N.D. (1985, p. 252)
22	STARBIRD	Unclassified	115 I 5	9	Craig & Milner (1975, p. 70-71)
23	CASH	Porphyry Cu Mo	115 I 5	2	Sinclair et al (1975, p. 111-112); This Report
24	KLAZAN	Porphyry Au Cu Mo	115 I 6,5	6	D.I.A.N.D. (1983, p. 201-202)
25	COM	Unclassified	115 I 6	9	
26	REVENUE	Breccia Cu Au	115 I 6	6	D.I.A.N.D. (1982, p. 217)
27	COMBO	Unclassified	115 I 6	9	Craig & Laporte (1972, p. 83-84); This Report
28	BOW	Unclassified	115 I 6	9	Craig & Laporte (1972, p. 82-83)
29	LIL	Vein Au Ag	115 I 3	7	
30	CARIBOU CREEK	Vein Au Ag	115 I 6	4	Bostock (1939, p. 15-16); Sinclair et al (1975, p. 118-119); D.I.A.N.D. (1985, p. 255)
31	KOOK (CAR)	Unclassified	115 I 6	9	Sinclair et al (1975, p. 117-118)
32	RED FOX	Vein Ag Pb	115 I 6	7	D.I.A.N.D. (1981, p. 261)
33	GUDER	Skarn, Vein Au	115 I 6	7	D.I.A.N.D. (1981, p. 261)
34	LAFORMA	Vein, Porphyry Au Ag	115 I 6	7	D.I.A.N.D. (1985, p. 254)
35	EMMONS HILL	Vein Au Ag Sb Ba	115 I 6	3	Johnston (1937, p. 19-20); Craig & Laporte (1972, p. 78-79)
36	GRANITE MOUNTAIN	Porphyry Cu Mo	115 I 7	6	Findlay (1969a, p. 34-35)
37	TINTA HILL	Vein Au Ag Pb Zn Cu	115 I 7	2	Skinner (1961, p. 35-36); Sinclair et al (1975, p. 120-121); D.I.A.N.D. (1982, p. 219)

38	FOSTER	Unclassified	115 I 3	7	Bostock (1937, p. 10-11); This Report
39	BROWN McDADE	Vein Au Ag	115 I 3	2	Findlay (1969b, p. 23)
40	MT. NANSEN (WEBER, HUESTIS)	Vein Au Ag Pb Zn	115 I 3	3	Morin et al (1977, p. 167-168)
41	CYPRUS	Porphyry Cu Mo	115 I 3	7	D.I.A.N.D. (1981, p. 261)
42	ESANSEE	Vein Ag Au Pb Zn	115 I 3	7	D.I.A.N.D. (1982, p. 217); D.I.A.N.D. (1983, p. 201,203)
43	DIVIDE	Vein Au Ag	115 I 3	7	Sinclair et al (1975, p. 126); This Report
44	MALONEY	Porphyry Cu Mo	115 I 4	7	Craig & Laporte (1982, p. 76-78)
45	COMANCHE	Occurrence Cu	115 I 11	6	Sinclair et al (1975, p. 101-102)
46	NORTHAIR (AL)	Unclassified	115 I 11	9	Sinclair et al (1975, p. 107)
47	TUF	Unclassified	115 I 13	9	Sinclair et al (1975, p. 95)
48	CROSSING	Vein Cu	115 I 8	7	
49	EWING	Unclassified	115 I 1	9	
50	ORI (MAC)	Unclassified	115 I 11	9	Sinclair et al (1975, p. 108-109)
51	KERR	Occurrence Mo Cu	115 I 13	7	
52	LONELY	Occurrence Cu	115 I 3	7	
53	SAM	Unclassified	115 I 12	9	Sinclair et al (1976, p. 146)
54	McCABE	Unclassified	115 I 10	9	This Report
55	RINK	Unclassified	115 I 8	7	McConnell (1903, p. 37-52)
56	GOULTER	Vein Au Ag	115 I 3	7	
57	GIANT (NAVAJO)	Metamorphosed Cu occurrence	115 I 11	6	Sinclair et al (1975, p. 102-103)
58	BLUFF	Unclassified	115 I 7	7	Sinclair et al (1975, p. 122-123)
59	RUSK	Porphyry Cu Mo	115 I 3	7	Sinclair & Gilbert (1975, p. 38-39)
60	BOYLEN (SUN)	Unclassified	115 I 11	9	Sinclair et al (1975, p. 103)
61	HLAVAY	Coal	115 I 6	9	Sinclair & Gilbert (1975, p. 120-121)
62	LETA	Unclassified	115 I 6	9	D.I.A.N.D. (1981, p. 262)
63	DART	Unclassified	115 I 6	9	D.I.A.N.D. (1981, p. 262)
64	NUCLEUS	Porphyry Au	115 I 6	6	This Report
65	STU	Metamorphosed Cu deposit	115 I 11	6	D.I.A.N.D. (1983, p. 201-204)
66	MIT	Unclassified	115 I 12	9	D.I.A.N.D. (1981, p. 263)
67	NIT	Unclassified	115 I 12	9	D.I.A.N.D. (1982, p. 218-219); This Report
68	ROC	Unclassified	115 I 6	9	Morin et al (1977, p. 172)
69	ZIT	Porphyry Cu Au	115 I 6	7	D.I.A.N.D. (1982, p. 218,219)
70	PANTHER	Vein Au	115 I 12	7	Sinclair et al (1976, p. 142)
71	RAINBOW	Vein Au	115 I 12	7	D.I.A.N.D. (1985, p. 253)
72	NADA	Unclassified	115 I 12	7	D.I.A.N.D. (1985, p. 255)
73	SELKIRK	Unclassified	115 I 12	9	Sinclair et al (1976, p. 145)
74	ACE	Unclassified	115 I 7	9	D.I.A.N.D. (1982, p. 219)
75	FED	Unclassified	115 I 11	7	Morin et al (1977, p. 177)
76	DD	Unclassified	115 I 3	9	D.I.A.N.D. (1982, p. 219)
77	AL	Unclassified	115 I 7	9	D.I.A.N.D. (1983, p. 201,204)
78	POON	Occurrence Cu	115 I 7	7	D.I.A.N.D. (1983, p. 201,203-204)
79	TOOT	Occurrence Cu	115 I 8	7	D.I.A.N.D. (1983, p. 201,203-204)
80	DOME	Unclassified	115 I 10	9	D.I.A.N.D. (1983, p. 201,204)
81	J.BILL	Unclassified	115 I 3	9	D.I.A.N.D. (1985, p. 255); This Report
82	KING	Unclassified	115 I 6	9	D.I.A.N.D. (1985, p. 255)
83	GOLDY	Unclassified	115 I 3,6	9	D.I.A.N.D. (1985, p. 255); This Report
84	ROW	Unclassified	115 I 3	9	This Report
85	SHACK	Unclassified	115 I 6	9	This Report
86	KEN	Unclassified	115 I 6	9	This Report
87	NEK	Unclassified	115 I 6	9	This Report
88	ERIC	Unclassified	115 I 6	9	This Report
89	MAY	Unclassified	115 I 6	9	This Report
90	HILLTOP	Unclassified	115 I 6	9	This Report
91	DY	Unclassified	115 I 6	9	This Report
92	POP	Unclassified	115 I 11	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

NUCLEUS
NAT Joint Venture
Archer, Cathro and Associates (1981) Limited

Gold, Copper
115 I 6 (64)
(62° 20'N, 137° 20'W)

Reference: D.I.A.N.D. (1985 p. 252-253).

Claims: NUCLEUS 1-141

Source: Summary by D.S. Emond from assessment report 091600 by W.D. Eaton (Archer, Cathro and Associates (1981) Ltd.).

History:

The NUCLEUS claims were staked in 1980 and 1981 immediately west of the Yukon Revenue porphyry copper property. Preliminary geological mapping, grid soil sampling and a magnetic survey located anomalous values associated with a zone of brecciated and altered intrusive and metamorphic rocks. Work in 1982 better defined geological contacts. Trenching in 1983 exposed a north-trending, steeply-dipping swarm of intensely clay altered, locally brecciated feldspar porphyry dykes cutting less altered country rocks. The best values were from a 3.5 m wide porphyry dike. Metals present in low, but anomalous quantities average 0.3 ppm Ag, 321 ppm Cu, 4 ppm Pb, 22 ppm Zn, 421 ppm As, 14 ppm Bi, 26 ppm Sb, 1.2 ppm Te, 53 ppb Hg and 16 ppm W.

Description:

A zone of intense oxidation with abundant yellow to brown limonite, minor black manganese oxides and rare red hematitic oxides has been indicated by drilling to range from 15 to 75 m in depth. Mineralization is mainly associated with chalcedonic quartz veins which contain minor fine-grained pyrite and arsenopyrite with some sphalerite, galena, chalcopyrite and magnetite.

Current Work and Results:

In 1984, the work program consisted of minor soil sampling on the fringes of the existing grid, linecutting, a test EM-16 survey, 2.5 km of road construction, 3581 linear metres of bulldozer trenching, and 315.2 m of diamond drilling in three holes. Ninety-one claims were staked north and west of the existing block.

*****

1984 MINERAL CLAIMS STAKED

FOSTER — 115 I 3 — (38)
R.A. Granger — (62°12'N, 137°06'W)
B. White

Claims 1984: GOLDEN FLOAT 1-8

DIVIDE — 115 I 3 — (43)
G. Dickson — (62°09'N, 137°11'W)

Claims 1984: VIC 1-32

J. BILL — 115 I 3 — (81)
G. Dickson — (62°03'N, 137°12'W)

Claims 1984: BULL 1-28 , RAT 1-40, WEDGE 1-15, OX 1-20, ETZEL 1-50, VG 1-8

ROW — 115 I 3 — (84)
Noranda Exploration Co. Ltd. — (62°09'N, 137°06'W)
G. Dickson

Claims 1984: ROW 1-24

GOLDY — 115 I 3,6 — (83)
R.A. Granger, T. Peever — (62°15'N, 137°05'W)
Yukon Revenue Mines Ltd.

Claims 1984: GOLDY 1-20

CASH — 115 I 5 — (23)
Archer Cathro & Associates (1981) Ltd. — (62°26'N, 137°37'W)

Claims 1984: CASH 1-13

COMBO — 115 I 6 — (27)
A. MacDonald, B. Preston — (62°19'N, 137°14'W)
K. McCrory

Claims 1984: LUCK 1-24

NUCLEUS — 115 I 6 — (64)
Archer Cathro & Assoc. (1981) Ltd. — (62°21'N, 137°17'W)

Claims 1984: NUCLEUS 51-141

SHACK — 115 I 6 — (85)
G. MacPherson — (62°19'N, 137°16'W)
M. Fekete

Claims 1984: SHACK 1-23

KEN, NEK
G.L. Harris

115 I 6 (86,87)
(62°20'N, 137°15'W)

Claims 1984: KEN 1-16

LAFORMA
B. O'Connor
D. Doge

115 I 6 (88)
(62°17'N, 137°08'W)

Claims 1984: ERIC 1-16

MAY
B. Wondga et al
T. Nelson, C. Cote

115 I 6 (89)
(62°17'N, 137°17'W)

Claims 1984: MAY 1-8, STRIKE 1-6, SHARON 1-8

HILLTOP
J.P Rivest

115 I 6 (90)
(62°19'N, 137°18'W)

Claims 1984: HILLTOP 1

DY
R. Granger

115 I 6 (91)
(62°18'N, 137°15'W)

Claims 1984: DY 1

MCMABE
D. Baird

115 I 10 (54)
(62°33'N, 136°45'W)

Claims 1984: LTR 1,3,5,7,9,11,15,17-32

POP
United Keno Hill Mines Ltd.

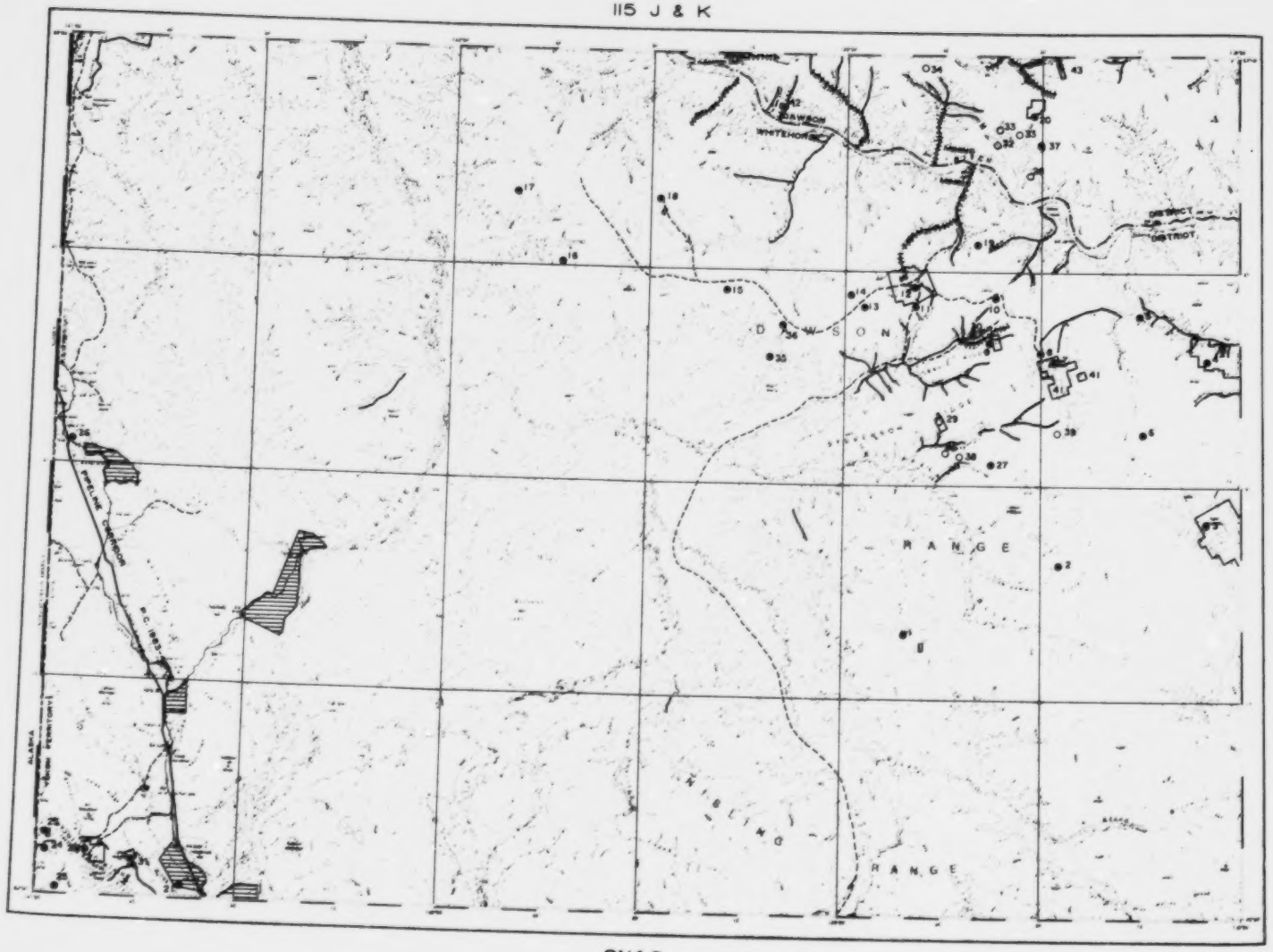
115 I 11 (92)
(62°39'N, 137°06'W)

Claims 1984: POP 1

NIT
D.H. Waugh

115 I 12 (67)
(62°34'N, 137°57'W)

TORO 1-24



SNAG
YUKON TERRITORY

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

Mineral Deposit or Occurrence (see Key on Tooling page)
Unmineralized Target
Mineral Claims in good standing (Jan. 1982) and staked before Jan. 1964
Mineral Claims staked in 1964.

Placer Leases in good standing (Jan. 1982).
Placer Claims in good standing (Jan. 1982).
Dredging Leases in good standing (Jan. 1982).
CEL Coal Exploration Licence.
CML Coal Mining Lease.

Tote Trail.
Driveable Road.
Dirt or Gravel
Airstrip.

SNAG MAP-AREA (NTS 115 J-K)

General Reference: GSC Map 10-1973 and Paper 73-41
by: D.J. Tempelman-Kluit, 1974a.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	KLOT	Occurrence Cu Mo	115 J 7	7	Morin et al (1978, p. 72)
2	SOMME	Occurrence Cu Mo	115 J 8	7	Craig & Laporte (1972, p. 72)
3	PRIDE	Vein Cu	115 J 8	7	
4	HAYES (SWEDE)	Vein Au Ag	115 J 9	7	This Report
5	SELWYN	Unclassified	115 J 9	7	Bostock (1944)
6	CROCK	Unclassified	115 J 9	7	Craig & Laporte (1972, p. 68)
7	COCKFIELD	Occurrence Cu Mo	115 J 9	7	D.I.A.N.D. (1981, p. 265)
8	CO	Porphyry Cu Mo	115 J 9,10	7	D.I.A.N.D. (1981, p. 266)
9	RUDE CREEK	Vein Ag Pb Zn	115 J 10	7	Cockfield (1928, p. 11-13); Craig & Laporte (1972, p. 63)
10	NORDEX	Vein Ag Pb	115 J 10	7	
11	BOMBER	Vein Ag Pb Zn	115 J 10	7	Findlay (1967, p. 32-34)
12	CASINO	Porphyry Cu Mo	115 J 10	2	Craig & Laporte (1972, p. 55-57)
13	AZTEC	Unclassified	115 J 10	7	Craig & Laporte (1972, p. 54-55)
14	ZAPPA	Porphyry Cu Mo	115 J 10	7	D.I.A.N.D. (1981, p. 266,267)
15	BOREAL	Unclassified	115 J 11	7	Craig & Laporte (1972, p. 42-43)
16	BID	Unclassified	115 J 13	7	Craig & Laporte (1972, p. 38-39)
17	VINA	Unclassified	115 J 13	7	Craig & Laporte (1972, p. 35-37)
18	TONI TIGER	Skarn Cu Fe	115 J 14	7	Craig & Laporte (1972, p. 40-41)
19	MARGUERITE	Unclassified	115 J 15	7	Craig & Laporte (1972, p. 51-52)
20	SCROGGIE	Disseminated Cu Mo	115 J 15	7	D.I.A.N.D. (1981, p. 266)
21	ONION	Mafic/ultramafic associated Ni Cu Mo	115 K 2	7	
22	NUTZOTIN	Skarn Cu Fe	115 K 2	7	D.I.A.N.D. (1983, p. 207)
23	CALIFORNIA	Occurrence Au	115 K 2	7	Cairnes (1915, p. 123)
24	TRUDI	Porphyry Cu Mo	115 K 2	7	
25	RIP	Vein Cu	115 K 2	7	Cairnes (1915, p. 121-122)
26	BATRICK	Vein Mn	115 K 10	5	Bostock (1952, p. 44-45)
27	PATTISON (PATT)	Occurrence Cu Mo	115 J 10	7	Sinclair et al (1976, p. 146)
28	BRI	Unclassified	115 J 15	9	D.I.A.N.D. (1981, p. 267)
29	STEVENSON	Unclassified	115 J 10	9	D.I.A.N.D. (1981, p. 267)
30	LESLIE	Unclassified	115 J 10	9	D.I.A.N.D. (1981, p. 267)
31	CHAIR	Unclassified	115 K 2	9	D.I.A.N.D. (1981, p. 267); D.I.A.N.D. (1983, p. 207)
32	NEF	Unclassified	115 J 15	9	D.I.A.N.D. (1981, p. 267)
33	MK	Unclassified	115 J 15	9	D.I.A.N.D. (1981, p. 267)
34	HASL	Unclassified	115 J 15	9	D.I.A.N.D. (1981, p. 267)
35	DOYLE	Unclassified	115 J 11	7	Sinclair et al (1976, p. 147)
36	COFFEE	Unclassified	115 J 11	9	Sinclair et al (1976, p. 147)
37	3 2 MANY	Unclassified	115 J 15,16	9	Morin et al (1980, p. 26)
38	WHISKEY JOE	Unclassified	115 J 10	9	D.I.A.N.D. (1982, p. 221)
39	WOE	Unclassified	115 J 9	9	D.I.A.N.D. (1982, p. 221)
40	PAT	Unclassified	115 J 10	9	D.I.A.N.D. (1982, p. 221)
41	KOE	Unclassified	115 J 9	9	This Report
42	McDISCOVERY	Unclassified	115 J 14	9	This Report
43	L'SHRA	Unclassified	115 J 16	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

HAYES
Hayes Resources Inc.

Gold,Silver Vein
115 J 9,I 12 (4)
(62° 37'N,138° 27'W)

Reference: D.I.A.N.D. (1985 p. 257; 1982 p. 221).

Claims: SAM 1-18,20-35,37-128; SWEDE 1-6

Source: Summary by D.S. Emond from assessment report 091612 by G. Douglas.

History:

All of the SAM and SWEDE claims were transferred from Hudson Bay Exploration and Development Company Limited to Hayes Resources in 1984.

Description:

The large northwest-trending "Tetradymite" shear system which hosts the precious metal-bearing veins is in schist and gneiss country rock. The rocks have been altered to an assemblage of serpentine-chlorite-carbonate, talc-chlorite-carbonate and mariposite-fuschite. Gold is mainly in bournonite-boulangerite-calcite veins with some local galena. Lead-zinc-silver, copper-silver and gold-arsenic associations occur in sphalerite, galena, chalcopyrite and arsenopyrite veins. The gold-tellurium-bismuth association is found in nuggets from Sonora Gulch.

Current Work and Results:

A trenching and diamond drilling program was conducted in 1984 to test EM-16 conductors. A total of 47 bulldozer trenches were excavated, 23 of which were sampled (756.82 m sampled). From one trench assays averaged 7.23 g/t Au over 1.52 m, and from another 3.7 g/t Au over 5.79 m. Five diamond drill holes were completed totalling 694.64 m. The best drill intersection assayed 2.74 g/t Au and 273.59 g/t Ag over 1.52 m.

*****

KOE
Kerr Addison Mines Ltd.

Gold, Silver
115 J 9 (41)
(62° 38'N, 138° 28'W)

Reference: D.I.A.N.D. (1985 p.257).

Claims: KOE 1-48

Source: Summary by D.A. Downing from assessment report 091568 by H. Copland and D. Arscott.

Current Work and Results:

Geological mapping at a 1:5000 scale during 1984 was based on a compass and chain grid with a 200 m x 50 m pattern. The claims cover a southeast trending belt of Tertiary felsic volcanic rocks. The volcanic rocks overlie gneisses and phyllites which are exposed to the southwest in fault contact with the volcanic rocks. Granodiorite to quartz monzonite intrusives border the claims to the northwest and southeast. They belong to two distinguishable suites, one pre-volcanism and the other syn-volcanism. The volcanic rocks are characterized by fragmental textures, large areas of clay-sericite-pyrite alteration and by local areas of silicification and quartz veinlets. Float from these rocks is highly anomalous in gold, silver, antimony and arsenic.

*****

CLAIMS STAKED 1984

McDISCOVERY
F. Stretch

115 J 14 (42)
(62°56'N, 139°10'W)

Claims 1984: MCDISCOVERY 1-2

L'SHRA
R. Huckstep

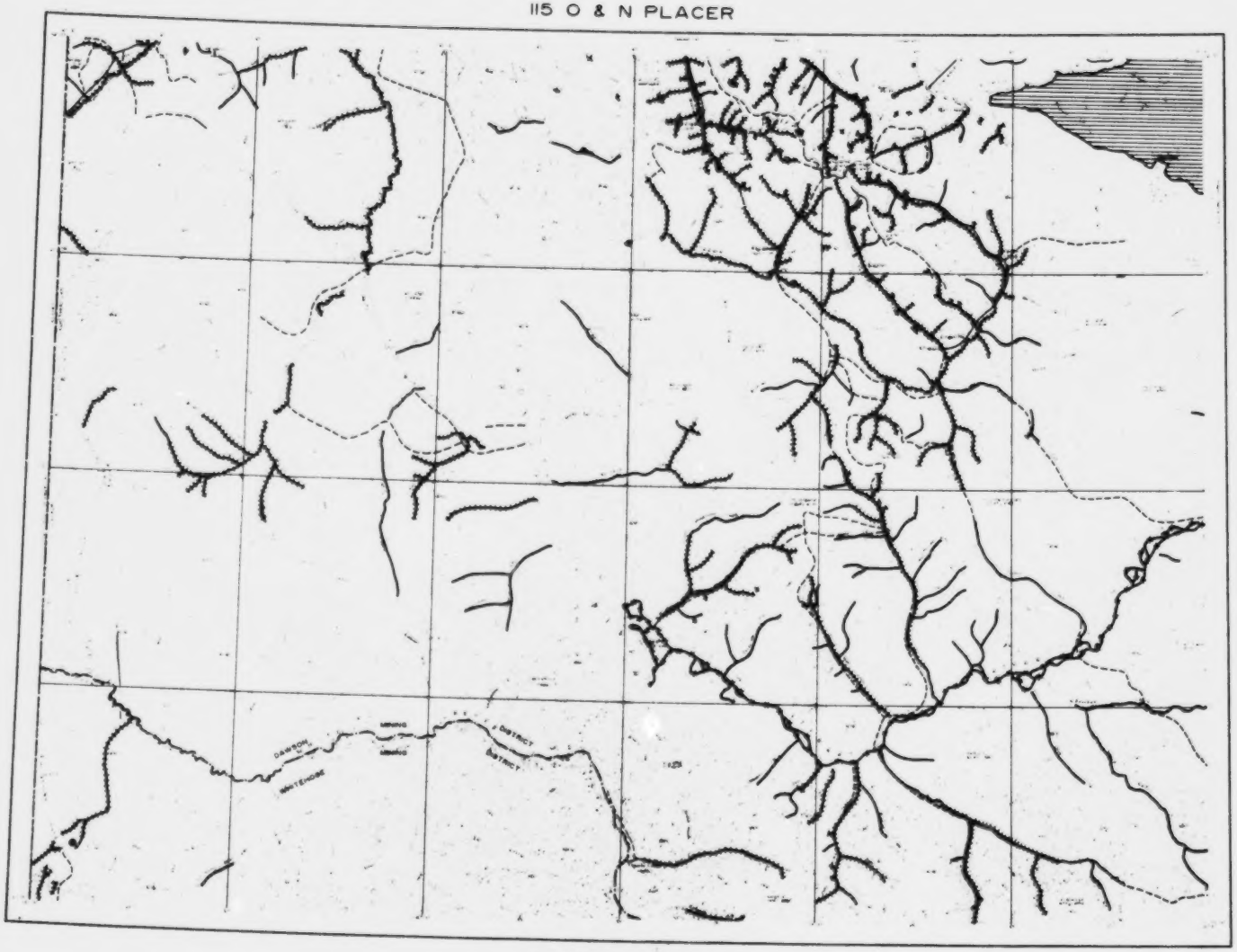
115 J 16 (43)
(62°59'N, 138°27'W)

Claims 1984: L'SHRA 1-4

CHAIR
G. Harris

115 K 2 (31)
(62°03'N, 140°45'W)

Claims 1984: SAND 1-4



STEWART RIVER
YUKON TERRITORY

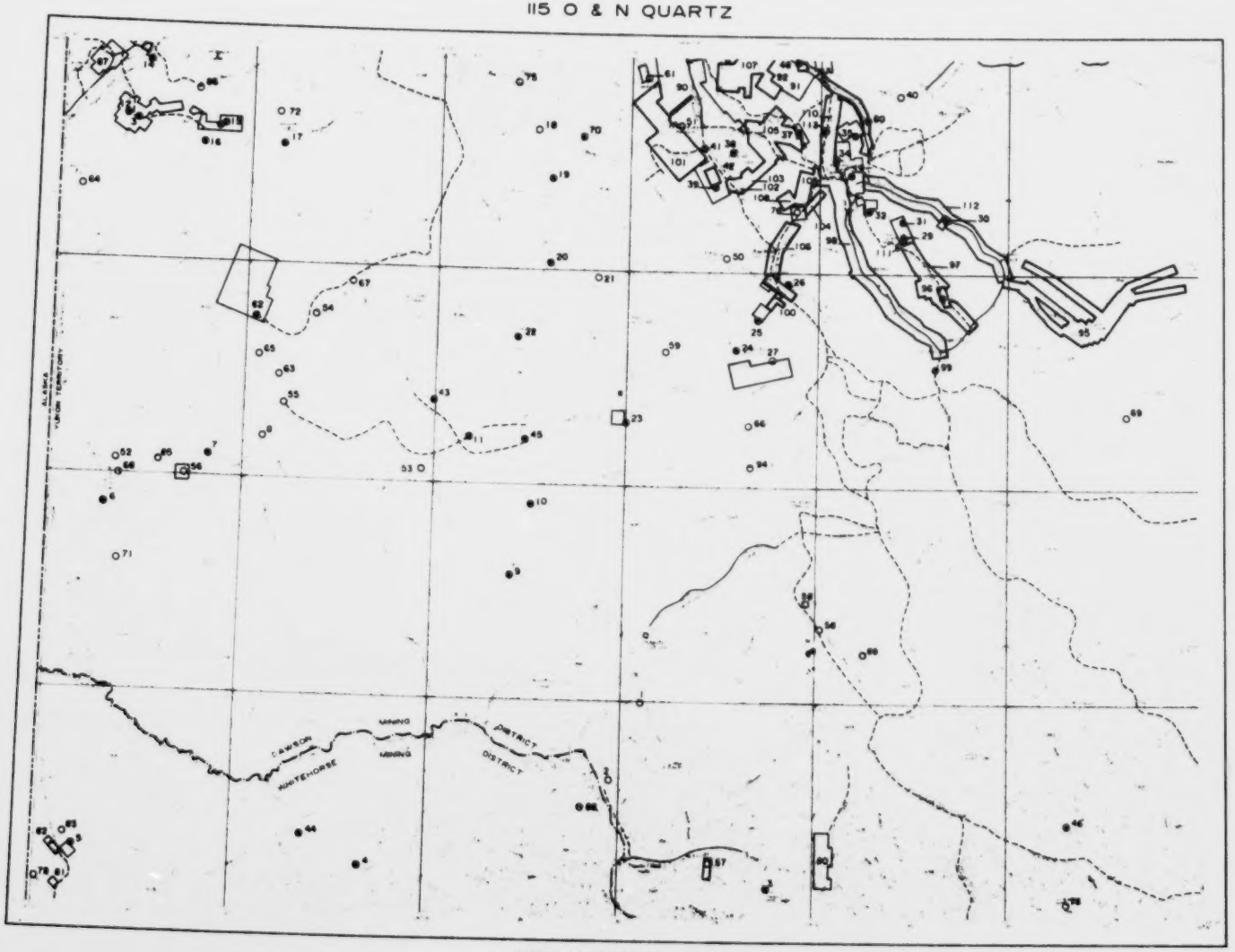
0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

Mineral Deposit or Occurrence (see Key on facing page)
Unmineralized Target
Mineral Claims in good standing (Jan. 1982) and staked before Jan. 1984
Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1982).
Placer Claims in good standing (Jan. 1982).
Dredging Leases in good standing (Jan. 1982).
CEL Coal Exploration Licence
CML Coal Mining Lease

Tote Trail
Driveable Road
Dirt or Ice Wall
Airstrip



STEWART RIVER
YUKON TERRITORY

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurrence (see Key on facing page)

Unmineralized Target

Mineral Claims in good standing (Jan 1988) and staked before Jan 1986

Mineral Claims staked in 1986

Placer Leases in good standing (Jan 1988)

Placer Claims in good standing (Jan 1988)

Dredging Leases in good standing (Jan 1988)

CEL Coal Exploration Licences

CML Coal Mining Leases

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

STEWART RIVER MAP-AREA (NTS (115 N-O)

General Reference: GSC Map 18-1973 and Paper 73-41 by D.J. Tempelman-Kluit, 1974a; GSC Map 711A by H.S. Bostock, 1942 (for 115 O); map of 115 O 14,15 and 116 B 2,3 by R.L. Debicki, 1984.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	TREVA	Unclassified	115 O 3,6	9	
2	NORTHERN LIGHTS	Unclassified	115 O 4	9	
3	BLACK FOX	Vein Pb Cu	115 O 3	7	Cairnes (1917, p. 33-34)
4	ARIES	Occurrence Cu Mo	115 N 1	7	
5	MOOSEHORN	Vein Au Ag	115 N 2	5	Morin et al (1977, p. 185)
6	LADUE	Occurrence Cu Mo	115 N 7	7	
7	SANTA	Vein Ag Pb Sn	115 N 10	7	
8	SVENM	Unclassified	115 N 9	7	Cockfield (1921, p. 52)
9	EXCELSIOR	Unclassified	115 O 5	7	MacLean (1914, p. 121)
10	COMET	Unclassified	115 O 5	9	
11	TENMILE	Vein Au Ag	115 O 12	7	McConnell (1902, p. 25-39)
12	LUBRA	Vein Ag Pb Au	115 N 15	7	Tempelman-Kluit (1974a, p. 74)
13	CONNAUGHT	Vein Ag Pb Cu Mo	115 N 15	5	D.I.A.N.D. (1982, p. 224)
14	PER	Vein Ag Pb Zn Au	115 N 15	6	Cockfield (1921, p. 52); Green (1966, p. 26-28); This Report
15	BUTLER	Vein Ag Pb Zn	115 N 15	6	Cockfield (1919, p. 8); Craig & Laporte (1972, p. 32-34)
16	FIFTY	Skarn Cu	115 N 15	7	
17	ENCHANTMENT	Unclassified	115 N 16	7	Tempelman-Kluit (1973, p. 48-49)
18	MONTE CHRISTO	Unclassified	115 O 13	9	
19	PICKERING	Vein Au	115 O 13	7	MacLean (1914, p. 120)
20	INDIAN	Asbestos	115 O 13	7	
21	BISHOP	Unclassified	115 O 12	9	
22	WOOD	Skarn Cu	115 O 12	7	
23	LUCKY JOE (BURMEISTER)	Stratabound Cu	115 O 12,11	7	D.I.A.N.D. (1981, p. 271); McClintock and Sinclair (1985)
24	HAYSTACK	Unclassified	115 O 11	7	MacLean (1914, p. 205)
25	MCKINNON	Consolidated placer Au	115 O 11	7	Lowey (This Report)
26	RAVEN	Occurrence Cu	115 O 11	7	Morin et al (1980, p. 28);
27	FOTHERGILL	Unclassified	115 O 11	9	This Report
28	AIME	Vein Au	115 O 10	7	D.I.A.N.D. (1983, p. 210-211)
29	GOLD RUN	Vein Au	115 O 15	7	This Report
30	PORTLAND	Vein Au	115 O 15	7	This Report
31	DOMINION	Vein Au Pb	115 O 15	7	This Report MacLean (1914, p. 86-87);
32	LLOYD	Vein Au	115 O 15	7	This Report
33	HUNKER DOME	Vein Au	115 O 15	7	This Report
34	MITCHELL	Vein Au	115 O 15	7	D.I.A.N.D. (1983, p. 210-211)
35	FAWCETT	Vein Au Ag	115 O 15	7	D.I.A.N.D. (1983, p. 210-211) This Report
36	BUM	Vein Ag Cu	115 O 15	7	Gleeson (1970, p. 14-15); Craig & Milner (1975, p. 13)
37	BOX CAR	Vein Au Ag Cu	115 O 14	7	This Report
38	LONE STAR	Vein Au	115 O 14	3	D.I.A.N.D. (1985, p. 263-264,266)
39	VIOLET	Vein Au Ag	115 O 14	7	D.I.A.N.D. (1985, p. 264,266); This Report
40	LEOTTA	Unclassified	115 O 15	9	
41	RON (HILCHEY)	Vein Au	115 O 14	7	D.I.A.N.D. (1985, p. 264)
42	BUCKLAND	Vein Au Ag	115 O 14	7	Green & Godwin (1963, p. 19); Gleeson (1970, p. 16)
43	SUSTAK	Vein Fe	115 N 9, O 12	7	
44	PROSPECT	Occurrence Cu	115 N 1	7	

45	CRUIKSHANK	Coal	115 O 12	7	
46	MCMICHAEL	Occurrence Cu	115 O 1	7	
47	GOLDEN ROD	Unclassified	115 O 15	9	
48	HEFFRING	Unclassified	115 O 14	9	
49	TRILBY	Unclassified	115 O 14	9	
50	TORRANCE	Unclassified	115 O 14	9	Debicki (1984)
51	BALD EAGLE	Vein Ba	115 O 14	9	D.I.A.N.D. (1981, p. 271)
52	STEVO	Unclassified	115 N 10	9	D.I.A.N.D. (1981, p. 274)
53	FLUME	Unclassified	115 N 9	9	D.I.A.N.D. (1981, p. 274)
54	TYRRELL	Unclassified	115 N 9	9	D.I.A.N.D. (1981, p. 274)
55	SNIP	Unclassified	115 N 9	9	D.I.A.N.D. (1981, p. 274)
56	DOLE	Unclassified	115 N 10	9	D.I.A.N.D. (1981, p. 274);
57	THIS	Unclassified	115 O 3	9	This Report
					D.I.A.N.D. (1981, p. 274)
58	MAISY	Unclassified	115 O 6,7	9	D.I.A.N.D. (1981, p. 274)
59	RUBY	Unclassified	115 O 11	9	D.I.A.N.D. (1981, p. 274);
60	HUNK	Unclassified	115 O 15	9	This Report
					D.I.A.N.D. (1985, p. 264)
61	MT. BRONSON	Vein Pb	115 O 14	9	D.I.A.N.D. (1981, p. 272-273)
62	JOVE	Granite-hosted U	115 N 9	7	D.I.A.N.D. (1981, p. 273)
63	SON	Unclassified	115 N 9	9	D.I.A.N.D. (1981, p. 273)
64	CRAG	Occurrence U	115 N 15	9	D.I.A.N.D. (1981, p. 273)
65	DOORMAT	Unclassified	115 N 9	9	Morin et al (1977, p. 138-139)
66	BISMARK	Unclassified	115 O 11	9	Morin et al (1980, p. 27)
67	HEC-TOR	Unclassified	115 N 9	9	Morin et al (1980, p. 27)
68	BORD	Unclassified	115 N 7,10	9	Morin et al (1980, p. 27)
69	LIL	Unclassified	115 O 9	9	Morin et al (1980, p. 28)
70	RON	Unclassified	115 O 13	9	D.I.A.N.D. (1982, p. 224)
71	BUD	Unclassified	115 N 7	9	D.I.A.N.D. (1982, p. 224)
72	MT. HART	Unclassified	115 N 16	9	D.I.A.N.D. (1982, p. 224)
73	PYROXENE	Unclassified	115 O 1	9	This Report
74	CIM	Unclassified	115 O 14	9	D.I.A.N.D. (1982, p. 224)
75	HUNG	Unclassified	115 O 13	9	D.I.A.N.D. (1982, p. 224)
76	READFORD	Unclassified	115 O 14	9	D.I.A.N.D. (1982, p. 224)
77	EVING	Unclassified	115 O 14	9	D.I.A.N.D. (1982, p. 224)
78	ORO	Unclassified	115 O 14	9	D.I.A.N.D. (1983, p. 210,212)
79	LODE	Unclassified	115 N 2	9	D.I.A.N.D. (1983, p. 210,212)
80	DL	Unclassified	115 O 2	9	D.I.A.N.D. (1985, p. 265)
81	GIT	Unclassified	115 N 2	9	D.I.A.N.D. (1985, p. 265);
82	REEF	Unclassified	115 N 2	9	This Report
83	HIT	Unclassified	115 N 2	9	D.I.A.N.D. (1985, p. 266)
84	HILL	Unclassified	115 N 2	9	D.I.A.N.D. (1985, p. 266)
85	MAT	Unclassified	115 N 10	9	D.I.A.N.D. (1985, p. 261)
86	FOXY	Unclassified	115 H 15	9	D.I.A.N.D. (1985, p. 266)
87	MOLY	Unclassified	115 N 15	9	D.I.A.N.D. (1985, p. 266)
88	VANESSA	Unclassified	115 O 4	9	D.I.A.N.D. (1985, p. 266)
89	STAR	Unclassified	115 O 6	9	D.I.A.N.D. (1985, p. 261)
90	DAWSYND	Occurrence Au	115 O 14,	7	This Report
			116 B 3	9	
91	DAWSON	Occurrence Au	115 O 14	7	D.I.A.N.D. (1985, p. 265);
					This Report
92	BREMNER	Unclassified	115 O 14	9	D.I.A.N.D. (1985, p. 266)
93	KLOOK	Vein Au	115 O 15	7	This Report
95	HAM	Unclassified	115 O 9	9	This Report
96	LASS	Unclassified	115 O 10	9	This Report
97	RUN	Unclassified	115 O 10,15	9	This Report
98	SUL	Unclassified	115 O 10,15	9	This Report
99	MARGE	Unclassified	115 O 10	9	This Report
100	ANN	Unclassified	115 O 11	9	This Report
101	HAWK	Unclassified	115 O 14	9	This Report
102	KH	Unclassified	115 O 14	9	This Report
103	REX	Unclassified	115 O 14	9	This Report
104	BRAZIL	Unclassified	115 O 14	9	This Report
105	BON	Unclassified	115 O 14	9	This Report
106	QUA	Unclassified	115 O 14	9	This Report
107	BEA	Unclassified	115 O 14	9	This Report
108	CAN	Unclassified	115 O 14	9	This Report
109	KLATHRO	Unclassified	115 O 14,15	9	This Report

110	CUAG	Unclassified	115 0 15	9	This Report
111	SAS	Unclassified	115 0 15	9	This Report
112	DOM	Unclassified	115 0 15	9	This Report
113	FAWCETT (WEST)	Unclassified	115 0 15	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

AIME	Gold	
Dawson Eldorado Gold Explorations Limited	115 O 10 (63° 44'N, 138° 40'W)	(28)

Reference: D.I.A.N.D. (1985 p. 260-262,266) and Debicki (1985).

Claims: KLAM 1-12

Source: Summary by D.S. Emond from assessment report 091570 by J.K. Mortensen (Archer, Cathro and Associates (1981) Ltd.) and property visit by Debicki in 1984.

History:

Gold-bearing quartz veins were first discovered on Gold Run Creek in 1900 or 1901 and exploration and development work (mainly trenches, shallow shafts and a 30.5 m tunnel) in the area since that time has confirmed the presence of several veins or vein systems containing significant gold values.

Lower Gold Run Creek has been a rich placer gold producer since 1897 and was especially active up to 1923. The paystreak on Gold Run Creek continues into Dominion Creek, and the placer gold is typically coarse and rough, and has a slightly higher fineness than the gold in the upper part of Dominion Creek. From distribution of placer gold, prospectors believe the source to be on the right and/or left limit of Gold Run Creek between about 24 Pup and 51 Pup.

Description:

The Gold Run Valley is underlain by platy, tan weathering, muscovitic quartzite and quartz-muscovite schist which is overthrust by a sequence of chlorite- and chlorite-biotite-schist. The thrust southwest-dipping zone is in the area of Lower Gold Run Creek. Foliation and compositional layering dips shallowly northward.

Current Work and Results:

At least two gold-bearing quartz veins occur in the vicinity of the KLAM claims. They range from 0.06 to 1.0 m thick and were reported to yield assays of up to 308.6 g/t Au. Vein material is medium- to coarse-grained, milky quartz with scattered coarse cubes of pyrite and rare grains of galena. Samples of fines from dumps from two adits contained anomalous gold (70 and 180 ppb Au). Pyritized and sideritized wallrocks also bear gold.

Two samples of wallrock collected in 1984 by Debicki contained no gold, but two of pyritic quartz contained 0.43 and 12.3 g/t Au respectively. Vein material contained some partially digested wallrock inclusions, local blebs of siderite, and vugs up to 5 cm across with stubby quartz crystals.

*****

BOX CAR
Dawson Eldorado Gold
Fxplorations Limited

Gold,Silver,Copper

115 O 14 (37)
(63° 55'N,139° 03'W)

Reference: D.I.A.N.D. (1985 p. 260,263,266).

Claims: KLOX 1-12

Source: Summary by D.S. Emond from assessment report 091569 by J.K. Mortensen (Archer, Cathro and Associates (1981) Limited).

History:

Description:

The property is underlain by mainly interlayered tan to pale green weathering, slightly muscovitic an chloritic quartzite and minor medium to dark green chlorite and quartz-chlorite schist. The quartzites are thinly banded (a few cm to several m's) and block to platey weathering. Small bodies of unfoliated quartz-feldspar porphyry intrude the schists to the north and south of the property and a small body of weakly to strongly foliated metagabbro occurs to the south. Foliaform quartz lenses up to 10 cm thick are common on the property. A narrow, northwest-trending, nearly vertical mineralized shear zone cuts the schists in the main area of old workings on the property.

Mineralization consists of disseminated and, locally, fracture-filling quartz, galena and minor chalcopyrite containing significant values of silver and traces of gold. A separate vein structure further north was only very weakly mineralized

Current Work and Results:

In 1983, 40 samples of soil and silt were collected on the property and geochemically analyzed. This failed to identify any anomalies in the area of the showings, or in the immediate vicinity.

*****

DAWSYND
Dawson Syndicate (1983)
Exploration Limited Partnership
Canadian Ferrite Limited
Arbor Resources Inc.

Gold
115 O 14
116 B 3 (90)
(63°55'-64°02'N,
139°00'-139°20'W)

Peference: D.I.A.N.D. (1985 p. 261,265-266).

Claims: DAWSON 1-96, 101-124, 126-132, 134-180, 201-237, 239-243, 245-248; SYNDICATE 1-83; WILLIAM 1-8; 83 1-40; 98 1-60, 1 PLUS and 3 PLUS; WILD 1; WILD CARD; CRAZY 1-27; SHARON 1-33, 35-39, 40-59; MOON 1-55; ALPHA A-P, Q-T; PAULA 1-4; EHYOU 1-10; NIAN 5-6, 11-12; BETSY 1-4; PLINC 1-68; FILLER 1-8; PENIBE 1-31; ZIP 1-40

Source: Summary by D.S. Emond from assessment reports 091546 by R.A. Gonzales (Archean Engineering Ltd.) and Questor Surveys Ltd.; 091602 and 091604 by Geoterrex Ltd.; 091603 and 091605 by R.A. Gonzales (Archean Engineering) and P. Grunenberg; and 091616 by A.G. Troup (Archean Engineering) and P. Grunenberg (Mark Management).

History:

In 1983, an aerial photogrametric project was carried out by Mr. W. Dawson to trace geologic units and identify a source for gold mineralization and was successful in identifying a possibly stratiform unit (believed to be a silica-rich, pyritiferous bed). Prior to and during Dawson Syndicate's extensive staking program in the Klondike in late 1983 and early 1984, geological examinations, regional heavy mineral concentrate sampling and VLF-EM surveys were conducted over selected targets.

Cairnes (1911) suggested that a vein near the headwaters of Victory Gulch (tributary of Bonanza Creek) was the source of gold in that creek. The principal vein varies from 1 to 3 m thick, is traceable for 120 m of strike, but may extend another 200 m. Cairnes suggested the grade to be in excess of 8.57 g/t Au and reserves indicate approximately 1360 tonnes per metre containing about 11 340 g per metre.

Description:

The claims cover the Bonanza Creek valley, extending from the confluence with Eldorado Creek northward to near to the junction with the Klondike River. The general area is covered by Klondike schist (Figure 1) consisting of intercalated muscovite-, sericite-, chlorite- and graphite-schists with minor

marble (west of Bonanza Creek). Beds dip 30 to 40o west. These rocks contain narrow quartz (+/- calcite) veins, lenses and blows. These rocks are cut by small faults.

To the southwest, the schists are in contact with less-metamorphosed, block weathering quartz-feldspar schists resembling granodiorite and is Permian (250 m.y.; Debicki 1984). A porphyritic quartz-feldspar schist along Bonanza Creek may be a sill from that stock. Light pink to orange, quartz +/- feldspar porphyritic Tertiary rhyolites (50 m.y.; Debicki 1984) outcrop in several places along Bonanza and Hunker Creeks.

Late Tertiary basalt dikes, and andesite dikes, flows and tuffs of the Carmacks group also cut the schists.

Current Work and Results:

In late 1983 and early 1984, a reconnaissance VLF-EM and heavy mineral sampling survey were carried out. In 1984, airborne geophysics, reconnaissance and detailed geological mapping, rock chip, soil, heavy mineral concentrate, and stream sediment sampling, VLF-EM surveys, road building and trenching, and subsequent diamond drilling were performed on the property.

A Geonics EM-16 unit was used for reconnaissance VLF-EM over the SYNDICATE 17-41; 98 1-3; and 83 29-30, 33-35 and 37-40 claims. Approximately 21 line-km were surveyed with readings taken at 25 m intervals along southwest-trending lines. The survey indicated a strong north-northwest-trending conductor over the central part of the SYNDICATE 1-48 claims, traceable for more than 900 m and several parallel conductors near the southeastern margin of the surveyed area.

Nineteen samples of heavy mineral concentrates were taken from several of the east-flowing stream that drain into Bonanza Creek. Streams draining the area of the VLF-EM conductor contain anomalous gold values in the concentrates and most samples contain anomalous silver, barium, copper, iron, molybdenum, lead and zinc.

In May, 1984 a fixed-wing INPUT electromagntic and magnetic survey totalling 809.2 line-km was conducted over Bonanza Creek, Hunker Creek and the area between the two creeks, south of the Klondike River. Due to the presence of abundant graphitic schists and quartzites, conductivity is very severe and strong VLF-EM anomalies do not coincide with magnetic anomalies. A number of targets possibly related to sulphides with associated gold (i.e., pyritic tuffs) were outlined and some of the weaker INPUT responses were deemed promising precious metal targets for follow-up on the ground. A few areas of high

resistivity may be related to felsic intrusives (also of interest for gold exploration). Depths to top of conductors are generally near surface, but may reach 60 m. The dissociation between the INPUT anomalies and the magnetics, and the presence of many large amplitude INPUT responses suggests the possibility that a thin layer of sediments (graphitic) overlies more stable rock types.

Reconnaissance geological mapping (1:50 000 scale) was done over the entire property, and detailed geological mapping (1:5000 scale) was performed on Bonanza Creek between Adams and Boulder Creeks. Rock chip samples were taken from interesting outcrops and especially from the Cheechako Hill area (west side of Bonanza Creek, south of Adams Creek). Soil sampling was carried out over the property at a 50 m intervals along 900 m-spaced lines and more detailed sampling on the ridge between the headwaters of Boulder and Adams Creeks, and on several benches on the west side of Bonanza Creek. Heavy mineral concentrate and stream sediment samples were taken at approximately 500 m intervals along all tributaries entering Hunker Creek, Bonanza Creek and the Klondike River. Several VLF-EM lines were run over an area east of Bear Creek and over Cheechako Hill. Approximately 3.6 km of road was constructed from Adams Creek to the ridge between Boulder and Adams Creeks which was followed by trenching on the ridge (tracing a soil geochemical anomaly).

From September 7-30, 1984, an induced polarization, horizontal loop electromagnetic, and magnetic survey were conducted by Geoterrex Limited on six lines crossing Cheechako Hill, Adams Creek and Skookum Gulch, and on five lines on Boulder Creek, Upper Boulder Creek, and the PLINC claims in an area west of Bonanza Creek following up the airborne anomalies. Anomalous areas were readily apparent from the induced polarization data; the HLEM survey also detected anomalous areas, but reflected the edges of polarizable bodies; and the magnetic data showed no response.

Three NQ diamond drill holes totalling 294.74 m were drilled, two on the '83' 31 claim, and one on the boundary between the SYNDICATE 24 and PLINC 21 claims. Two holes penetrated bedrock at 28 m and another at 4.3 m and intersected mineralized and sheared micaceous schists (including quartz-sericite-chlorite- and graphite-schist). Pyrite was pervasive throughout the core in disseminated blebs and some cubes and was commonly elongated parallel to the schistosity and along cleavage planes. There was approximately 1% pyrite in the quartz-sericite-chlorite schist and 2-5% in the graphite schist as well as trace amounts of sphalerite, galena and chalcopyrite. The preliminary diamond drilling has thus successfully explained the coincident IP and EM geophysical anomaly in Bonanza Creek and the geochemical anomaly along the western border of the claims.

Five NQ holes totalling 370.94 m were drilled on the SYNDICATE 60 and 77, and on the '98' 22 and 28 claims. The holes intersected chlorite-quartz-sericite schist and narrow bands of graphite schist. The former contained pervasive pyrite (less than 2% with a few sections of up to 25% pyrite). One of the geophysical conductors tested by drilling is offset along strike by faulting and total potential strike length of the conductor could represent a significant host for economic mineralization.

Sulphide-rich horizons found in the Klondike schist were chip sampled, but were unsuccessful in discovering significant precious metal content. An extensive northwest-trending lead, zinc, copper, iron, silver, barium soil geochemical anomaly is centred on the ridge between Boulder and Adams Creeks and parallels a sheared contact. This is possibly a structural control for mineralization and may be indicative of mineralized veining related to a Permian granodiorite intrusion to the west . Heavy mineral concentrate and silt sampling results delineate a regional multi-element geochemical anomaly in the vicinity of Quigley Gulch, and very anomalous gold values along Bear Creek, Last Chance Creek, and Big Skookum Gulch which may indicate Tertiary epithermal mineralization. Several major shear zones were delineated as important structural controls. A major north-trending shear zone runs along Eldorado Creek and parallels the east side of Bonanza Creek.

*****

GOLD RUN, DOMINION
Dawson Eldorado Gold
Explorations Limited

Gold Vein
115 O 15 (29,31)
(63° 48'N,138° 47'W)

Reference: MacLean (1914), D.I.A.N.D. (1985 p. 260,262,266).

Claims: KLUN 1-32

Source: Summary by D.S. Emond from assessment report 091559 by J.K. Mortensen (Archer Cathro & Associates (1981) Ltd.) and property visits by R.L. Debicki.

History:

The KLUN claims, staked by Archer, Cathro & Assoc. (1981) Ltd. in 1983, cover the old Dominion and Gold Run occurrences.

Description:

Micaceous quartzites are overthrust by chlorite and minor quartz-muscovite schists and have a near-horizontal foliation and compositional layering. Foliaform quartz lenses up to 0.5 m thick are abundant in the upper rock units and lesser in the quartzite.

According to MacLean, the Dominion (the Patterson or Queen Anne) occurrence consists of two exposures of quartz approximately 107 m apart. The vein was thought to strike east, being 3.7 m wide in the west and trifurcating into three branches, each 0.9 m wide, separated by schist 1.8 m and 2.7 m wide in the east. The quartz is milky and opaque with rusty cleavage faces, and when crushed and panned, small percentages of galena and pyrite and minor gold colours were found.

In 1984, Debicki visited the property and noted two trenches, 30 m apart which exposed a 1.0 to 4.0 m thick, subhorizontal, concordant vein of milky white quartz. The Gold Run occurrence (also described by MacLean) consists of outcroppings of white quartz over several hundred feet in a southeasterly trend from the ridge toward Portland Gulch where the vein is uncovered by an open-cut. The vein is 0.45 m wide in the open cut and dips 50° NE; it has the appearence of a regular fissure, but lacks continuity. A small showing of gold and minor galena was also noted and the quartz is generally white with minor iron oxide staining. Three samples taken by MacLean panned colours of gold and the latter two assayed 60.00 and 5.83 g/t respectively. Mortensen in 1983 was unable to locate the open cut, and only found foliaform quartz.

Debicki's 1984 visit found only quartz boulders and test pits. Several wallrock fragments were noted in the quartz, some with minor siderite alteration and fine-grained pyrite. Some vein material was fractured and cemented with calcite.

Current Work and Results:

The KLUN claims were covered by a regional soil sample grid during 1983; sample lines were 1 km apart with 250 m sample spacing and five lines passed across or near the property. Background values of gold and arsenic (15 ppm and 5 ppb respectively) were found in all but one sample (57 ppb Au). This suggests that either mineralization is limited and not of significant grade, or that conventional soil geochemical techniques are not capable of detecting the mineralization.

Samples of vein material collected by Debicki from both the Dominion and Gold Run showings contained no significant gold.

*****

PORTLAND — Gold
Dawson Eldorado Gold Explorations Limited — 115 O 15 (30) — (63° 49'N, 138° 40'W)

Reference: MacLean (1914); D.I.A.N.D. (1985 p. 260,262,266); Debicki (1985).

Claims: KLORT 1-8

Source: Summary by D.S. Emond from assessment report 091565 by J.K. Mortensen (Archer, Cathro and Associates (1981) Ltd.) and property visit by Debicki in 1984.

Description:

The property is covered by mainly shallowly-dipping quartzites, chloritic- and carbonaceous-schists. Chlorite- and chlorite-actinolite-schist unconformably overlie higher grade schists and quartzite, and are separated by a southwest-dipping thrust fault on the Portland Creek/Robinson Pup divide. The higher grade schists are biotite-rich, medium- to coarse-grained, and contain abundant garnet (up to 2 cm diam.) and hornblende (up to 8 cm length) porphyroblasts; they are associated with chlorite-biotite-actinolite schists. Garnet, kyanite, and staurolite occur in placer concentrates on Dominion Creek. Bedrock exposed in a trench on the ridge towards the southwest end of the property is fine- to medium-grained, medium- to dark-green chlorite- and chlorite-actinolite-schist with abundant foliaform quartz.

Several discordant veins were reported on by MacLean, one striking at 105° and dipping 20° NE and another striking 60° and dipping 58° W. Both were approximately 51 cm wide and assayed from trace to 0.69 g/t Au. One other body of rusty quartz containing minor galena and sphalerite, that was at least 11.3 m by 2.13 m, assayed trace Au and up to 5.49 g/t Ag.

Current Work and Results:

During 1983 mapping, an old trench was found to expose "barrel leads" first described by Maclean (1914). These are very elongate bodies of foliaform quartz occurring in the hinges of megascopic F2 folds in the chlorite schist. The are mainly coarse-grained, clear to milky quartz, with minor coarse-grained, medium brown weathering ferroan carbonate.

Debicki describes the quartz veins exposed in trenches 600 m apart as approximately 0.5 m thick crosscutting the foliation, at orientations of 120°/20° NE and 030°/58° SE.

Two regional soil sample lines are located directly in the vicinity of the property. Two silt samples are weakly anomalous in gold (10 and 44 ppb) in the western portion of the claim group.

*****

LLOYD
Archer, Cathro and
Associates (1981) Ltd.

Gold
115 O 15 (32)
(63°50'N,138°52'W)

Reference: MacLean (1914); D.I.A.N.D. (1985 p. 260,262-263,266); Debicki (1985).

Claims: KLOYD 1-16

Source: Summary by D.S. Emond from assessment report 091562 by J.K. Mortensen and property visit by Debicki in 1984.

History:

Two main properties were staked in 1904 as the Cousin, Jack, etc. claims by J. Lloyd, and as the Green Gulch Group by J.S. Orrell. The area was intensely prospected with trenches and shallow shafts between 1905 and 1909. Lloyd sank ten shafts averaging 9.1 m deep, and drove a 21.3 m crosscut prior to 1912. The Green Gulch Group to the northwest was explored with a 15.2 m shaft, a 7.6 m open cut and a 22.9 m crosscut.

Recently, minor bulldozer trenching has been done near the two main shafts on the Cousin, Jack claims.

Description:

Tan to medium brown or grey brown weathering muscovite- and feldspathic-quartzites with minor intercalated tan to rusty weathering quartz-muscovite schist in the north is overthrust by medium- to dark-green chlorite- and chlorite-quartz- (+/-biotite) schists with abundant foliaform quartz. A small body of unfoliated quartz-feldspar porphyry intrudes the upper part of the chlorite schist in the south.

Compositional layering in the quartzites are flat-lying to gently west- or southwest-dipping. The thrust surface also dips gently to the west-southwest.

Rocks along the thrust fault are strongly fractured, sheared and brecciated, and fractures are coated with abundant hematite and minor ferroan carbonate.

A single quartz vein discovered on the property strikes about 120°, dips steeply to the northeast and is traceable in shafts and trenches for over 250 m at thicknesses from about 0.8 to 1.5 m. The vein is mainly white quartz with small vugs, and cubes and grain aggregates of pyrite up to 2 cm in diameter. MacLean (1914) reported traces of galena and free gold; one sample contained 1.7 g/t Au. Angular fragments of wallrock occur in the vein and there are narrow zones of brecciated and sheared quartz, locally. Minor propylitic alteration occurs adjacent to veins (Debicki 1985).

Similar mineralization occurs further southeast and is probably from a separate vein. Gold-bearing quartz veins also occur in caved shafts and trenches in the old Green Gulch Group (now the DOC claims), northwest of the KLOYD claims. The vien material contains scattered pyrite and trace amounts of chalcopyrite, galena and free gold. MacLean reported that five out of six samples contained gold with the highest assay beining 20.9 g/t Au and 6.8 g/t Ag from a 0.46 m channel sample across a vein. One vein strikes 136° and dips steeply to the southwest.

The mineralization on the DOC claims is generally on strike with the main vein on the LLOYD property, about 2 km away, suggesting the potential for a semi-continuous vein system at least 2.5 km in length.

Current Work and Results:

Thirty-seven soil samples from the property, collected by Archer, Cathro & Associates (1981) Ltd. and adjacent areas gave a few, very scattered anomalies (eight gold anomalies and one arsenic anomaly) which have not been correlated with known vein mineralization.

Rock samples collected by Debicki in 1983-84 contained 0.35 to 1.7 g/t Au and low silver.

*****

FAWCETT
Dawson Eldorado Gold
Explorations Limited

Gold Vein

115 O 15 (35)
(63°55'N,138°56'W)

Reference: D.I.A.N.D. (1985 p. 260,263,266).

Claims: KLAW 1-24

Source: Summary by D.S. Emond from assessment report 091566 by J.K. Mortensen (Archer, Cathro and Associates (1981) Limited.).

History:

The Fawcett occurrence was staked in 1908 as the Brandon, Hillsborough and Alphonse by T. Fawcett. This was restaked in 1962 by W. Robertson and as the KM and Golden Dream calims in 1965 by K.W. Miller and C. Anderson.

Description:

A major west-dipping thrust fault zone cuts the property. Overlying the thrust is a sequence of west-dipping chlorite- and chlorite-quartz-schist and minor metagabbro, and underlying it is muscovite- and quartz-muscovite schist, micaceous quartzite, and chlorite-quartz schist. The thrust zone consists of an imbricate zone that includes discontinuous bodies of variably altered ultramafic rocks (serpentinite, carbonate-altered serpentinite, quartz-carbonate-Cr mica rock and talc-carbonate schist) as well as chlorite schist and metagabbro. A small unfoliated quartz and quartz-feldspar porphyry of probable Cretaceous or Early Tertiary age cuts the schists on the right limit of the Right Fork of Hunker Creek.

Current Work and Results:

In 1983, 83 soil samples were collected on regional soil lines on or near the property. Contents of arsenic and gold are at or below background levels (15 ppm and 5 ppb respectively) in most samples, with a few scattered weakly anomalous values.

*****

KLOOK
Dawson Eldorado Gold
Explorations Ltd.

Gold,Silver Vein
115 O 15 (93)
(63°52'N,138°55'W)

Reference: D.I.A.N.D. (1985 p. 261,265), MacLean (1914).

Claims: KLOOK 1,3,5-40

Source: Summary by D.S. Emond from assessment report 091561 by J.K. Mortensen (Archer, Cathro & Assoc. (1981) Ltd.).

History:

The claims were staked in 1983 to cover known gold-bearing quartz vein systems in the area i.e., Pride of the Mountain claim staked by H.N. Coleman in 1900. The target was restaked in 1904 by A. Knorr and the 40 claims were optioned to Dome Lode Development Co. Ltd. which traced four veins on surface for 457 m with four shafts (4 to 24 m deep) and several trenches. In 1909-1910, a 792 m crosscut was driven and about 25 claims were taken to lease. An open cut was blasted on the Hunker claim adjoining to the east in 1912; a 15 m shaft and an open cut were blasted on the Jennie claim, 1.6 km north; and some trenching was performed on the Summit claim prior to 1912.

MacLean examined the property in 1912, and three samples from trenches and shafts averaged 2.74 g/t Au and 3.43 g/t Ag. The 792 m tunnel was collared approximately 152 m vertically below these showings. Between 244 and 610 m from the portal, the tunnel intersected six veins ranging from 0.6 to 1.8 m thick which had assays of up to 857 g/t Au and 125 g/t Ag.

The workings were restaked as Eleventh Hour in 1924 and the Bridge claims etc. in 1937 by A.J. Matheson who explored with hand pits until 1940-42 when he cleaned out and resampled the crosscut and drifted a further 37 m.

The property was restaked as Dominion claims in 1965 by Orekon Ltd. which bulldozer trenched in 1966 and 1972 and was surrounded in 1980 by the KSD claims by Cominco whom carried out mapping geochemistry and IP surveys.

Description:

A major thrust fault on the property separates two lithologically different rock sequences. Below, the rocks are mainly muscovitic, fine- to medium-grained, tan to medium grey-brown weathering quartzites and feldspathic quartzites with interlayered tan to rusty yellow-orange weathering muscovite and quartz-muscovite schist. A small body of weakly to strongly foliated, strongly altered quartz dioritic orthogneiss occurs in

the extreme northeast corner of the property, lying just beneath the thrust and is likely intrusive into the lower plate sequence. Above the thrust are medium- to dark-green and greenish-brown chlorite (+actinolite) and chlorite-quartz-carbonate schists with narrow discontinuous bands of moderately to strongly foliated metagabbro intercalated. These rocks contain traces of disseminated pyrite and magnetite locally. North of the property, the thrust zone is marked by a band of sheared and altered serpentinite and talc-carbonate schist and it pinches out to the northwest. Compositional layering of the rocks and the thrust fault generally dip shallowly to moderately westward. Foliaform quartz lenses and masses up to 1 m thick are common on the property, especially in the chlorite schist.

Discordant, gold-bearing quartz veins on and around the claims and are confined to the upper chloritic schists. The Mitchell and Orekon Veins (north and northwest of King Solomon Dome), and the veins on the ridge between Upper Dominion and Lombard Creeks (in the centre of the property) occur as a large scale en echelon sheeted vein system. Individual veins strike north and dip steeply to the east. Some veins have faulted margins, but generally they are simple fillings of extension fractures. The vein material is mainly white, coarsely crystalline quartz with minor siderite and pyrite. Concentrations of galena with traces of chalcopyrite and sphalerite occur locally; traces of tetrahedrite and arsenopyrite occur in the Mitchell Vein; free gold occurs sporadically, generally associated with sulphides. Wallrock alteration on the veins is mainly widespread brown weathering ferroan carbonate and restricted pyritization. Silicification of wallrocks occurs on the Mitchell Vein (a few cm) and gold occurs within pyrite grains in the wallrock alteration.

CLAIMS STAKED 1984

REEF
K.L. Robertson

115 N 2 (82)
(63°03'N, 140°57'W)

Claims 1984: REEF 5-10

PER
R. Sterling
McFaull

115 N 15 (14)
(63°59'N, 140°48'W)

Claims 1984: QUARTZ 1-4

THIS
F. Stretch

115 O 3 (57)
(63°03'N, 139°16'W)

Claims 1984: LUCY 1-6, FREBRUE 1-6

MT. BURNHAM
Meri Resources Ltd.

115 O 9 (95)
(63°40'N, 138°15'W)

Claims 1984: HAM 1-331

LASS
L. Gatenby

115 O 10 (96)
(63°44'N, 138°43'W)

Claims 1984: LASS 1-24, GATE 1-8

MARGE
G. Isacc

115 O 10 (99)
(63°37'N, 138°43'W)

Claims 1984: MARGE 1

RUN
United Keno Hill Mines Ltd.

115 O 10,15 (97)
(63°04'N, 138°40'W)

Claims 1984: RUN 1-22, 25-61, 63-78, 80-111

SUL
United Keno Hill Mines Ltd.

115 O 10,15 (98)
(63°45'N, 138°50'W)

Claims 1984: SUL 1-192, 199-260, 262-263,265

RAVEN
R.A. Gullen

115 O 11 (26)
(63°44'N, 139°07'W)

Claims 1984: RA 1-20

ANN
R.A. Gullen
115 O 11 (100)
(63°43'N, 139°06'W)

Claims 1984: ANN 1-10

VIOLET
Whitehouse Motel Ltd.
115 O 14 (39)
(63°51'N, 138°17'W)

Claims 1984: VI 48-62

DAWSYND
W. Dawson
115 O 14 (90)
(63°56'N, 139°27'W)

Claims 1984: PLINC 1-68, FILLER 1-9, "98" 1-2

DAWSON
W. Dawson
115 O 14 (91)
(63°59'N, 139°05'W)

Claims 1984: BETSY 1-4, FISH 1-24, ZIP 1-40, ALPHA A-T (20), PENIBE 1-31

HAWK
W. Hawkes
115 O 14 (101)
(63°53'N, 139°25'W)

Claims 1984: HAWK 1- 154

KH
W. Hawkes
115 O 14 (102)
(63°51'N, 139°14'W)

Claims 1984: KH 1-10

REX
Whitehouse Motel Ltd.
115 O 14 (103)
(63°51'N, 139°11'W)

Claims 1984: REX 1-51

BRAZIL
B. Tatlow
115 O 14 (104)
(63°50'N, 139°01'W)

Claims 1984: BRAZIL 1-16

BON
United Keno Hill Mines Ltd.
115 O 14 (105)
(63°50'N, 139°08'W)

Claims 1984: BON 1-90, 92-100, 102-116

QUA
United Keno Hill Mines Ltd.
115 O 14 (106)
(63°47'N, 139°05'W)

Claims 1984: QUA 1-90

BEA
United Keno Hill Mines Ltd.
115 O 14 (107)
(63°59'N, 139°14"W)

Claims 1984: BEA 1-16

CAN
United Keno Hill Mines Ltd.
115 O 14 (108)
(63°52'N, 139°01'W)

Claims 1984: CAN 33-50, 91-108, LIT 51-58, 109-116

HUNK
United Keno Hill Mines Ltd.
115 O 14,15 (60)
(64°00'N, 139°00'W)

Claims 1984: HUN 1-102, 104,107-138, 140-156,158-174

KLATHRO
Archer, Cathro & Assoc. (1981)
115 O 14,15 (109)
(63°52'N, 138°59'W)

Claims 1984: KLATHRO 1-44

CUAG
M. Stutter
115 O 15 (110)
(63°55'N, 138°59'W)

Claims 1984: CUAG 1-8

SAS
L. Gatenby
115 O 15 (111)
(63°02'N, 138°45'W)

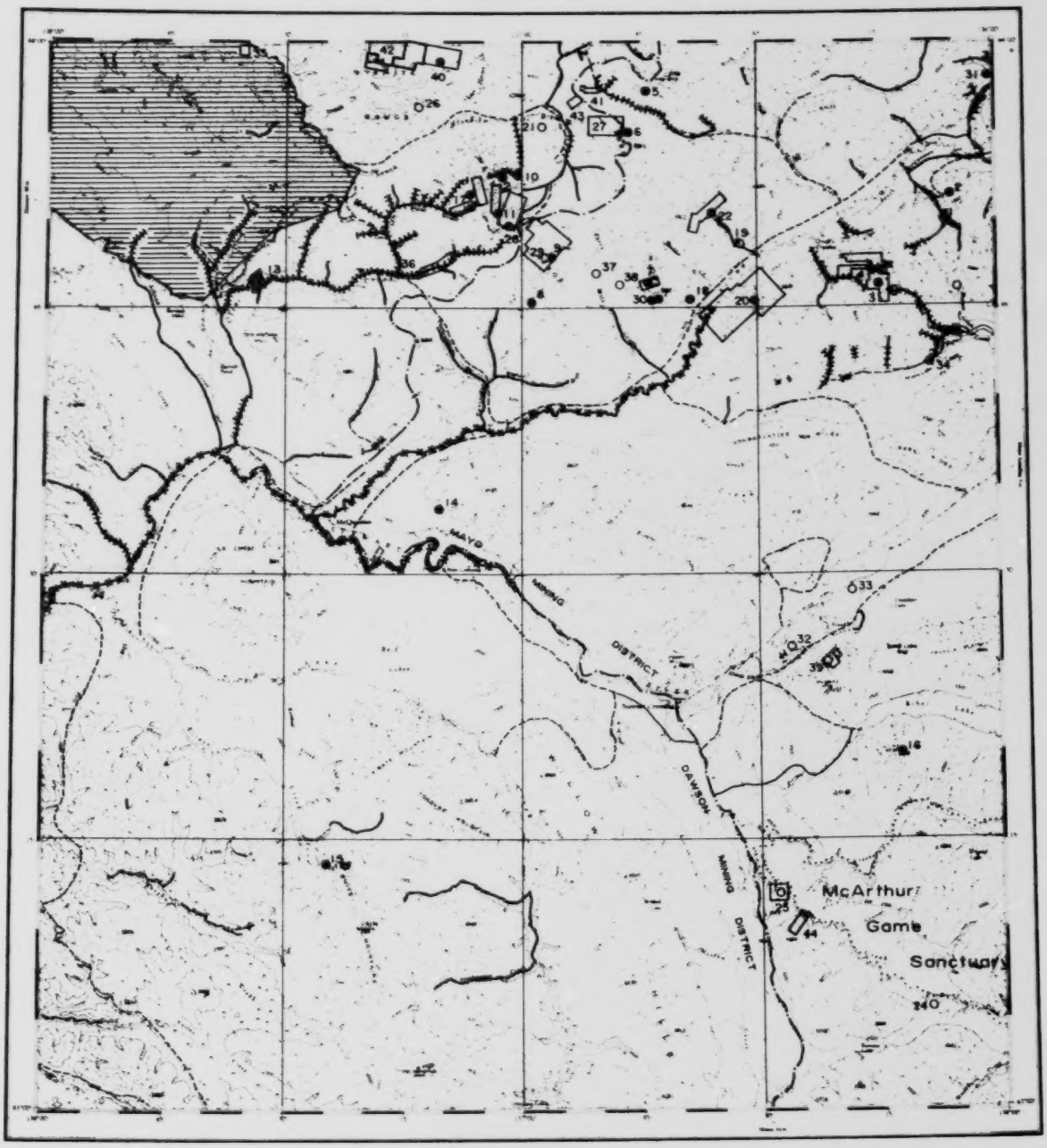
Claims 1984: SAS 1-2

DOM
United Keno Hill Mines Ltd.
115 O 15 (112)
(63°50'N, 138°43'W)

Claims 1984: DOM 1-206

FAWCETT (WEST)
United Keno Hill Mines Ltd.
115 O 15 (113)
(63°53'N, 138°59'W)

Claims 1984: BOT 1-84



McQUESTEN
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

Mineral Deposit or Occurence see Key on facing page.

Unmineralized Target

Mineral Claims in good standing Jan. 1985) and staked before Jan. 1984.

Mineral Claims staked in 1984.

Placer Leases in good standing (Jan. 1985).

Placer Claims in good standing (Jan. 1985).

Dredging Leases in good standing (Jan. 1985).

CEL Coal Exploration Licence.

CML Coal Mining Lease.

Tote Trail.

Driveable Road.

Oil or Gas Well.

Airstrip.

McQUESTEN MAP-AREA (NTS 115 P)

General Reference: GSC Map 1143A by: H.S. Bostock, 1942.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	JAYBEE	Vein Ag Pb	115 P 16	7	
2	SEATTLE	Unclassified	115 P 16	9	Green & Godwin (1964, p. 16)
3	HAWTHORNE	Vein Sb Pb Ag Au	115 P 16	7	Bostock (1941, p. 33-34); Green (1966, p. 20-21)
4	SCHEELITE DOME	Skarn W Cu	115 P 16	6	D.I.A.N.D. (1983, p. 215)
5	HOBO	Vein Au Ag	115 P 15	7	D.I.A.N.D. (1981, p. 227)
6	SPRAGUE	Vein Ag Pb	115 P 15	7	Bostock (1948, p. 11)
7	EAST RIDGE	Occurrence Sn Pb Zn Ag	115 P 15	7	D.I.A.N.D. (1983, p. 215-216)
8	LUGDUSH	Skarn W Cu	115 P 15	6	D.I.A.N.D. (1983, p. 215-216)
9	RIDGE	Occurrence Sn	115 P 15	7	D.I.A.N.D. (1981, p. 278)
10	JOSEPHINE	Unclassified	115 P 14,15	7	D.I.A.N.D. (1983, p. 215-216)
11	RHOSGOBEL	Porphyry Mo W	115 P 14	7	D.I.A.N.D. (1983, p. 215-216)
12	PUKELMAN	Porphyry Mo W	115 P 14	7	D.I.A.N.D. (1983, p. 215-216)
13	CLEAR CREEK	Unclassified	115 P 13	7	Lang (1951, p. 14)
14	MOOSE RIDGE	Occurrence Ag Pb Fe	115 P 11	7	
15	ROSEBUD	Unclassified	115 P 3	9	Bostock (1948, p. 12)
16	SETHER	Unclassified	115 P 8	9	
17	LEWIS	Unclassified	115 P 14	7	D.I.A.N.D. (1983, p. 215-216)
18	BOULDER	Vein Cu	115 P 15	7	Bostock (1948, p. 11)
19	TOTH	Unclassified	115 P 15	9	
20	OLIVER CREEK (EPD)	Breccia/Vein Sn Ag	115 P 15	5	D.I.A.N.D. (1983, p. 215,217) Emond (in D.I.A.N.D., 1983, p. 26-33)
21	MOZI	Pb Zn Cu Mo in Otz Breccis	115 P 15	9	D.I.A.N.D. (1981, p. 279)
22	SP	Occurrence Sn	115 P 15	7	D.I.A.N.D. (1983, p. 215,217)
23	BEN	Unclassified	115 P 16	9	D.I.A.N.D. (1981, p. 279-280)
24	WOODBURN	Unclassified	115 P 1	9	D.I.A.N.D. (1981, p. 280)
25	CROOKED	Unclassified	115 P 1	9	D.I.A.N.D. (1981, p. 280)
26	FIONA	Unclassified	115 P 14	9	D.I.A.N.D. (1982, p. 229)
27	MAHTIN	Vein, Skarn Sn W	115 P 15	7	D.I.A.N.D. (1982, p. 229-230)
28	JUBJUB	Unclassified	115 P 14	9	D.I.A.N.D. (1982, p. 228)
29	JABBERWOCK	Vein Sn Ag	115 P 15	7	D.I.A.N.D. (1982, p. 230)
30	MAY CREEK	Vein Ag Pb Zn	115 P 15	6	Morin et al (1980, p. 23)
31	SECRET CREEK	Unclassified	115 P 16	7	Morin et al (1980, p. 23)
32	WINSLOW	Unclassified	115 P 8	9	D.I.A.N.D. (1982, p. 231)
33	PAN	Unclassified	115 P 8	9	D.I.A.N.D. (1982, p. 231)
34	SAVY	Unclassified	115 P 9	9	D.I.A.N.D. (1982, p. 231)
35	ACE	Unclassified	115 P 13	9	D.I.A.N.D. (1983, p. 215,217)
36	MARY	Unclassified	115 P 14	9	D.I.A.N.D. (1983, p. 215-216)
37	BANDER	Vein Sn	115 P 15	7	D.I.A.N.D. (1982, p. 230)
38	SNATCH	Vein Ag Pb	115 P 15	7	D.I.A.N.D. (1982, p. 231)
39	LJB	Unclassified	115 P 8	9	D.I.A.N.D. (1983, p. 215,217);
40	OMEGA	Unclassified	115 P 14	9	This Report
41	NIC	Unclassified	115 P 15	9	D.I.A.N.D. (1985, p. 270)
42	ZETA	Unclassified	115 P 14	9	D.I.A.N.D. (1983, p. 215,217)
43	TAT	Unclassified	115 P 15	9	This Report
44	MEGALAURUS	Unclassified	115 P 1	9	D.I.A.N.D. (1985, p. 270) This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

ZETA
Noranda Exploration Company, Ltd.

115 P 14 (42)
(63°59'N,137°17'W)

Reference: D.I.A.N.D. (1985 p. 269-270).

Claims: ZETA 1-40

Source: Summary by D.S. Emond from assessment report 091590 by B. Jago .

History:

In 1982, follow-up to regional stream sediment arsenic anomalies discovered in 1981 by Mattagami Lake Exploration led to the discovery of lead-silver-tin+/-gold greisen mineralization along the margin of the Cretaceous Lost Horses Stock in the Syenite Range, and to staking of the ZETA claims.

Description:

Late Cambrian to early Ordovician clastic and chemical sedimentary rocks occur around the periphery of the Lost Horses Basin. These are conformably overlain by Lower to Upper Ordovician, finer grained carbonaceous, clastic, and chemical sediments with intercalated chert pebble conglomerates, minor baritic and phosphatic shales and stratiform barite. In the centre of the Basin, finer grained, carbonaceous shales and cherts predominate.

The Lost Horses Stock is approximately 8 km in diameter and is zoned (Figure 1) from K feldspar phyric, hornblende-biotite syenite on the margin to a quartz syenite and tourmaline-bearing granites in the core (2.5 km diameter). A fine- to medium-grained quartz-feldspar porphyry dyke has been traced parallel to the contact of the intrusion over 2 km and contains minor local pyrite, and tourmaline selvedges.

The metasedimentary rocks are hornfelsed up to 100 m from the contact with secondary bioitite. Close to the contact, pyrite and/or arsenopyrite is concentrated (up to 5%) in very rusty weathering rocks. Tourmaline and muscovite veinlets are developed locally. Bleaching and sulphide mineralization are locally developed at low to moderate angles to the contact. Sulphides are mainly arsenopyrite, pyrite and jamesonite-boulangerite, and weather to green-yellow stain on joint planes and exposed surfaces. There is minor rock flour breccia with quartzite fragments and

green stained rock flour matrix. In sulphide-poor portions of the bleached zones, very thin (1-2mm) scarce muscovite and cassiterite veinlets are developed along joint planes (maximum length 5-10 cm).

Current Work and Results:

The greisen zone was discovered in place by hand trenching in an area of mineralized boulders in 1982 and 1983. This was followed up in 1984 by the setting up of a grid (8.2 km), detailed 1:1250 scale on ZETA 23-28) and reconnaissance (1:10 000 scale) mapping, geochemical (326 soil samples) and geophysical surveys (VLF-EM - 7.0 km and magnetometer - 6.0 km) on ZETA 23-28, trenching (two hand trenches 20 x 3 x 2 m) and diamond drilling (ten NQ diamond drill holes totalling 883.06 m).

The greisen consists of roughly equal amounts of quartz and black tourmaline with up to 10 % arsenopyrite and variable amounts of microscopic jamesonite-boulangerite. It occurs as a replacement zone (vein?) along a 0.7 to 1.0 km long, northeast-trending fault. The vein is traceable over 150 m of strike, to a depth of 50 m, and is bounded by 5-10 m wide zones of intense clay, kaolinite and talc alteration. Soil sampling has defined highly anomalous lead-silver- arsenic in soil patterns which coincide with the structure. Drilling of a 200 m long portion has shown that the main greisen vein averages 2.0 m in width. Near surface the vein has been heavily leached, lowering the average grade to 103 to 137 g/t Ag. Deeper levels of the vein contain 686 to 1234 g/t Ag with significant lead and antimony values. Tin mineralization averages 0.1% throughout the vein, but values up to 0.6% Sn have been obtained from float samples. The source of mineralizing solutions is thought to be the tourmaline-patch granite in the core of the pluton.

*****

CLAIMS STAKED 1984

MEGALAURUS
J. Carson

115 P 1 (44)
(63°10'N, 136°25'W)

Claims 1984: MEGALAURUS 3-12

LJB
L. Brown

115 P 8 (39)
(63°24'N, 136°22'W)

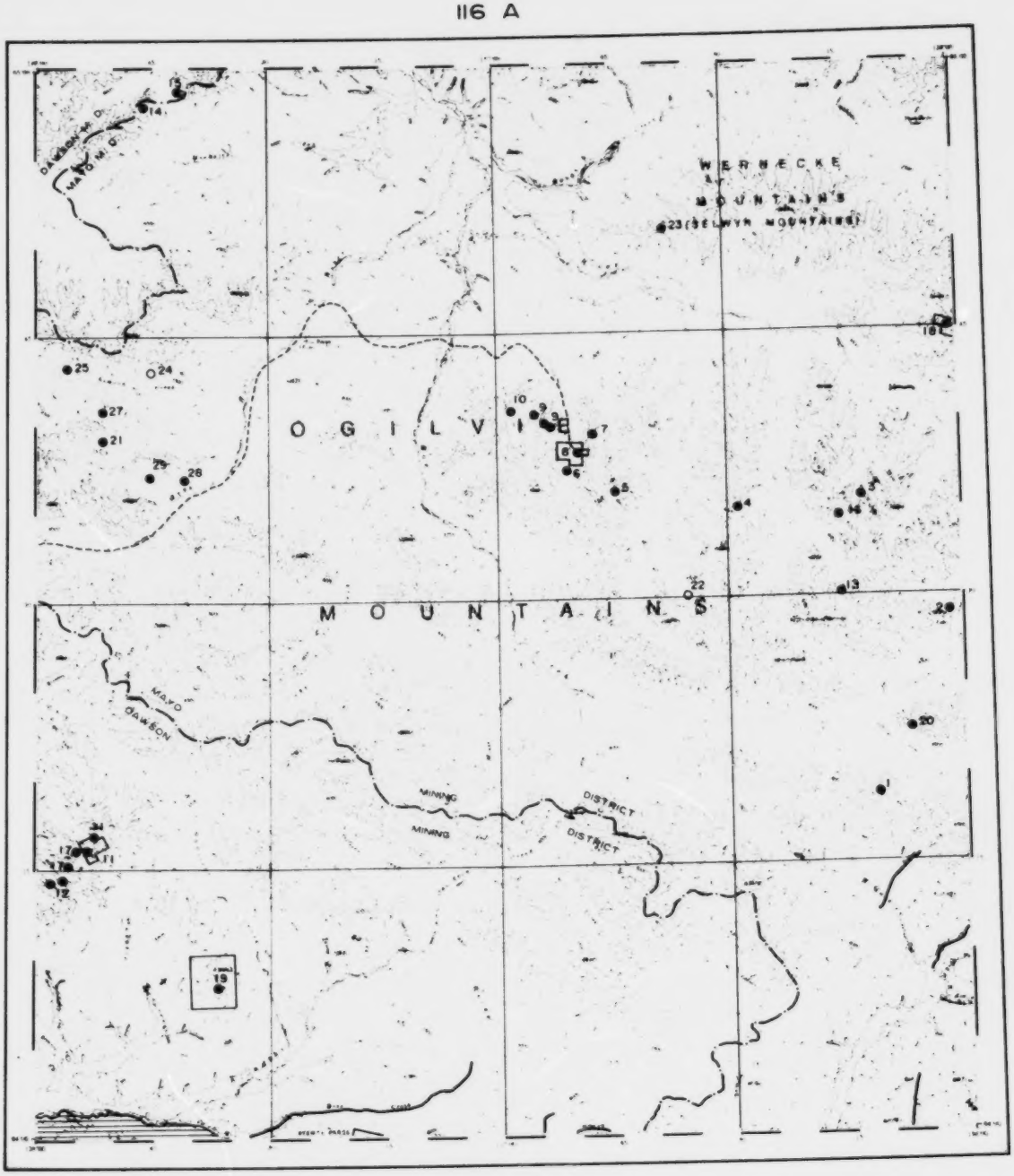
Claims 1984: LJB 9-10

ZETA
Noranda Exploration Co. Ltd.

115 P 14 (42)
(63°59'N, 137°15'W)

Claims 1984: ZETA 41-84

NOTES



LARSEN CREEK
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurrence see Key on facing page

Unmineralized Target

Mineral Claims in good standing Jan. 1985) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985)

Placer Claims in good standing (Jan. 1985)

Dredging Leases in good standing (Jan. 1985)

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

LARSEN CREEK MAP-AREA (NTS 116 A)

General Reference: GSC Map 1283A and Memoir 364 by: L.H. Green, 1972.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	TIMBERWOLF	Vein Cu	116 A 8	7	
2	WORM	Vein Cu	116 A 8	7	
3	RAMA	Vein Cu Ag Pb	116 A 9	7	
4	MATTSON	Vein Cu	116 A 9	7	
5	SOUP	Vein Cu	116 A 10	7	
6	REINDEER	Vein Cu Pb	116 A 10	7	
7	GRACE	Unclassified	116 A 10	9	Craig & Laporte (1972, p. 26-27)
8	HART RIVER	Stratiform Pb Zn Cu Au Ag	116 A 10	2	Morin et al (1979, p. 22-24); D.I.A.N.D. (1983, p. 219,221); This Report
9	BELCARRA	Vein Cu Pb Zn	116 A 10	7	
10	ZEBRA	Vein Cu	116 A 10	7	Craig & Laporte (1972, p. 23-25); Green (1972, p. 140)
11	HAMILTON (MIKE)	Vein Au Cu Ag Bi Co	116 A 5	7	D.I.A.N.D. (1983, p. 219)
12	RIMROCK	Vein Ag	116 A 4	6	D.I.A.N.D. (1982, p. 233)
13	AUSTON	Unclassified	116 A 9	7	Green (1972, p. 140)
14	HOT	Vein Pb Zn Ag	116 A 13	7	Sinclair et al (1976, p. 82)
15	MICHELLE	Unclassified	116 A 13	7	Sinclair et al (1975, p. 71)
16	BRUK (VUG)	Vein Pb Zn	116 A 9	7	Sinclair et al (1976, p. 74)
17	PHILP	Skarn Cu Au Ag	116 A 5	7	
18	DALE	Vein Cu	116 A 16,9	7	D.I.A.N.D. (1982, p. 233); D.I.A.N.D. (1983, p. 219-220)
19	IDA	Disseminated Au	116 A 4	7	D.I.A.N.D. (1982, p. 234)
20	STROKER	Occurrence Au	116 A 8	7	D.I.A.N.D. (1982, p. 234)
21	ST. BRIDGET	Stratiform Ba	116 A 12	7	D.I.A.N.D. (1983, p. 219-220)
22	SUMI	Unclassified	116 A 7,10	9	Morin et al (1977, p. 135)
23	WERN	Skarn Cu Fe	116 A 15	7	Morin et al (1977, p. 135-136)
24	TIM	Unclassified	116 A 12	9	Morin et al (1979, p. 50)
25	SHAY	Occurrence Pb Zn Cu	116 A 12	7	Morin et al (1979, p. 50)
26	LEP	Unclassified	116 A 13	9	Morin et al (1979, p. 50)
27	LOMOND CREEK	Unclassified	116 A 12	7	Morin et al (1979, p. 49)
28	BOYLE	Stratiform Ba	116 A 12	7	D.I.A.N.D. (1983, p. 219-220)
29	MILK UM	Stratabound Ba	116 A 12	7	D.I.A.N.D. (1983, p. 219-221)

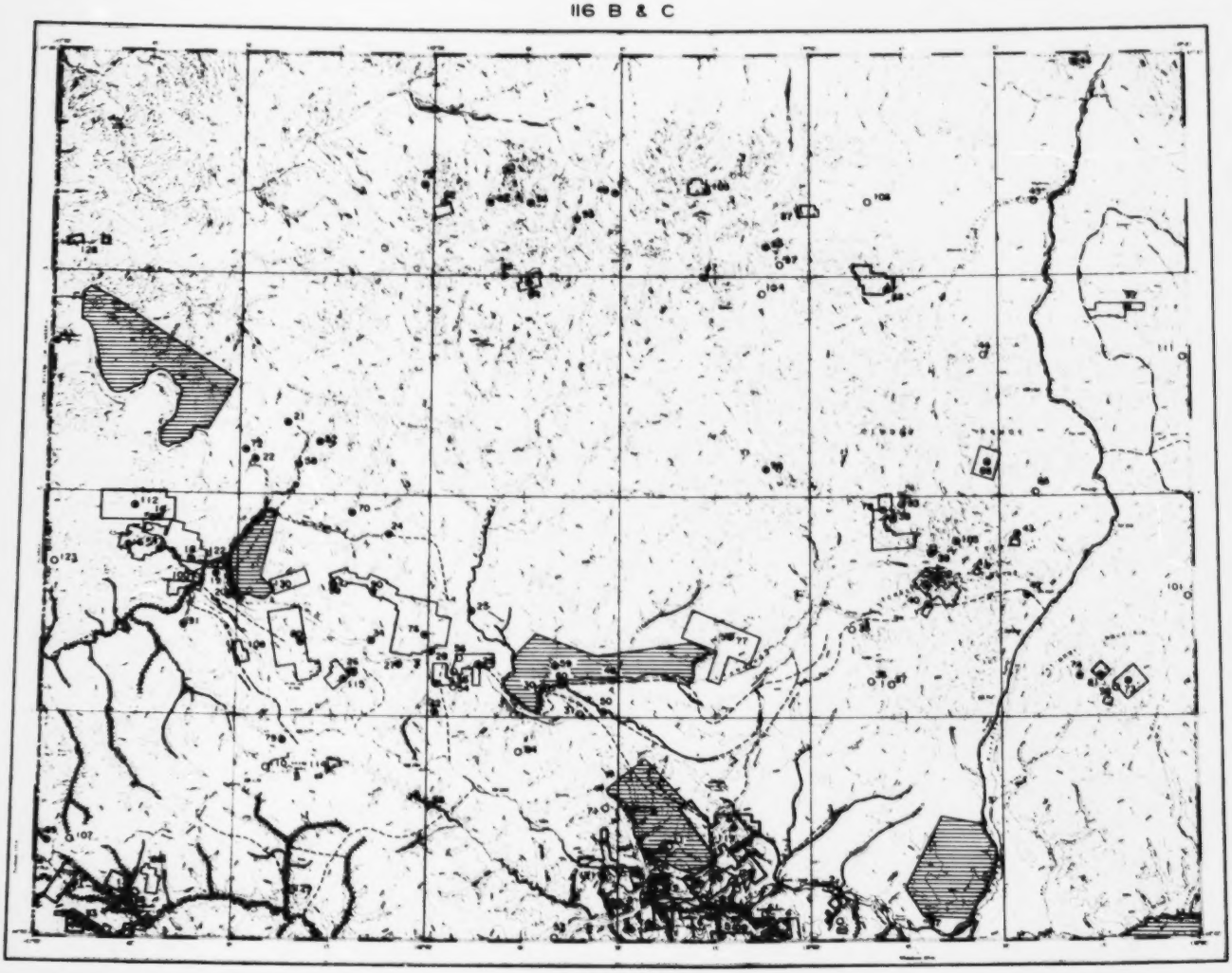
* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

CLAIMS STAKED 1984

HART RIVER — 116 A 10 (8)
North Hart Resources — (64°38'N, 136°50'W)

Claims 1984: CORE 1-3

116 B & C



DAWSON
YUKON TERRITORY

DAWSON MAP-AREA (NTS 116 B-C)

General Reference: GSC Map 1284A and Memoir 364 by:
L.H. Green, 1972.
Map of 115 O 14,15 and 116 B 2,3
by R.L. Debicki, 1984.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	INDEX	Vein Sb	116 B 8	7	Green (1972, p. 142)
2	GERMAINE	Occurrence Sn	116 B 2	9	Green (1965, p. 64-65)
3	COLLIERY	Coal	116 B 2	7	Bostock (1938, p. 13-14); Green (1972, p. 27); Dowling (1915)
4	UNEXPECTED	Occurrence U Sn	116 B 3	7	D.I.A.N.D. (1982, p. 238)
5	VIRGIN	Vein Au Ag	116 B 3	7	MacLean (1914, p. 41-49); D.I.A.N.D. (1985, p. 277); This Report
6	MacLEAN	Occurrence Au	116 B 3	7	This Report
7	BOYLE	Unclassified	116 B 3	9	
8	LEPINE	Occurrence Au	116 B 3	7	This Report
9	FIBRE	Asbestos	116 B 3	7	This Report
10	MIDNIGHT DOME	Asbestos	116 B 3	7	This Report
11	BROAD-LEDGE	Unclassified	116 B 3	9	Brock (1910, p. 15)
12	WEST DAWSON	Skarn, Vein Cu Pb Ag	116 B 3	7	
13	HUNGRY	Unclassified	116 C 2	7	Cockfield (1921, p. 52)
14	MILLER	Vein Ag Pb Zn	116 C 2	7	Cockfield (1921, p. 51-52); D.I.A.N.D. (1981, p. 293); This Report
15	SPHERE	Asbestos	116 C 7	7	D.I.A.N.D. (1983, p. 223-224)
16	FOXY	Asbestos	116 C 7	7	Green (1964, p. 27); D.I.A.N.D. (1985, p. 280)
17	CLINTON CREEK	Asbestos	116 C 7	3	D.I.A.N.D. (1985, p. 278)
18	ACHERON (RG)	Asbestos	116 C 7	7	Morin et al (1977, p. 144)
19	CONE HILL	Vein Ag Pb Au	116 C 7	7	D.I.A.N.D. (1981, p. 282)
20	MICKEY CREEK	Asbestos	116 C 7	7	
21	SHELL CREEK	Iron formation	116 C 9	6	Gross (1969, p. 111)
22	CLIFF	Coal	116 C 9	7	McConnell (1904, p. 39-41)
24	SOURDOUGH MINE	Unclassified	116 C 8	7	McConnell (1904); Green (1972, p. 146)
25	FIF	Unclassified	116 B 5	7	McConnell (1903, p. 39-41)
26	CALEY	Asbestos	116 C 8	2	Green (1964, p. 27-28)
27	SUBMARINE	Vein, Carbonate-hosted Ag Pb Zn (Cu)	116 C 8	7	Cockfield (1928, p. 9)
28	ROAL	Skarn Zn Pb (Ag Sn)	116 B 5	7	Cockfield (1928, p. 9)
29	SILVER CITY	Occurrence Ag Pb	116 B 5	7	Green (1966, p. 23-24); Craig & Milner (1975, p. 15)
30	OGILVIE	Unclassified	116 B 5	9	
31	KEYSTONE	Unclassified	116 B 5	9	
32	ASS	Asbestos	116 B 5	7	
33	WOODCHOPPER	Asbestos	116 B 5	7	D.I.A.N.D. (1982, p. 238-239,242)
34	ETHELDA	Skarn Cu	116 C 8	7	
35	HAY MEADOW	Unclassified	116 B 7	9	
36	JECKELL	Unclassified	116 B 7	9	
37	SNYDER	Unclassified	116 B 7	9	
38	FIREWEED	Unclassified	116 B 7	9	Tempelman-Kluit (1965, p. 36)
39	GRAVE	Vein Cu	116 B 7	7	D.I.A.N.D. (1981, p. 285)
40	SPOTTED FAWN	Vein Ag Pb Zn	116 B 7	7	Cockfield (1919, p. 15-17); Green (1972, p. 137-138); Sinclair et al (1975, p. 73-74)
41	SUBTRACT	Unclassified	116 B 7	9	D.I.A.N.D. (1981, p. 285)
42	ROBERT SERVICE	Unclassified	116 B 8	7	Tempelman-Kluit (1965, p. 36)

43	MULTIPLY	Unclassified	116 B 8	7	Tempelman-Kluit (1965, p. 36); This Report
44	CRAWFORD	Vein Cu	116 B 10	7	
45	BLACKSTONE	Coal	116 B 16	7	
46	CHAPMAN	Unclassified	116 B 16	7	Green (1972, p. 138); Sinclair et al (1975, p. 76)
47	FIFTEEN MILE	Vein Cu Ag	116 B 14,11	7	
48	CHANDINDU	Unclassified	116 B 5	9	McConnell (1903, p. 39-41)
49	SHAND	Occurrence Cu	116 B 13	7	Morin et al (1977, p. 144)
50	JEROME	Coal	116 B 5	7	
51	PAULA	Occurrence Cu	116 C 10	7	Owen (1968, p. 8)
52	KRAUSE	Iron formation	116 C 9	7	
53	MASTADON	Unclassified	116 B 4	9	
54	RISCO	Unclassified	116 B 5	9	
55	WINAGE	Unclassified	116 B 5	9	
56	HEALY	Unclassified	116 B 5	9	
57	LAWRENCE	Unclassified	116 B 5	9	
58	LEDUC	Coal	116 C 9	7	
59	BARETTE	Coal	116 B 5	7	
60	THANE	Coal	116 B 5	7	
61	HATTIE	Unclassified	116 B 3	7	MacLean (1914, p. 124-125)
62	MONSTER (OG)	Vein, Carbonate-hosted Pb Zn	116 B 13	7	Sinclair et al (1976, p. 88)
63	TART	Occurrence Zn Pb	116 B 13	7	
64	OZ	Vein Zn Pb	116 B 12	7	Sinclair et al (1975, p. 74-75); D.I.A.N.D. (1983, p. 223, 227)
65	SEELA	Vein Pb Zn	116 B 14	7	
66	KIWI	Vein Pb Zn Ag	116 B 10	7	Sinclair et al (1975, p. 75); This Report
67	MORRISON	Unclassified	116 B 2	9	G.S.C., Map 711A (1942)
68	LOWNEY	Unclassified	116 B 4,C 1	9	
69	HALIFAX	Unclassified	116 B 3	9	D.I.A.N.D. (1981, p. 293)
70	CHAIN	Coal	116 C 9	7	
71	HALE	Unclassified	116 B 4	9	
72	JEPHSON	Coal	116 C 9	7	
73	O'BRIEN (A.J.)	Vein Au	116 B 8	6	This Report
74	SANDOW	Vein Cu	116 B 8	7	Green (1972, p. 142)
75	UGLY	Carbonate-hosted, Vein Zn Pb	116 C 16	7	
76	TJOP	Asbestos	116 C 8	7	D.I.A.N.D. (1983, p. 223-225)
77	STYX	Unclassified	116 B 6	9	D.I.A.N.D. (1982, p. 239)
78	MARN	Skarn Cu Au	116 B 7	7	D.I.A.N.D. (1985, p. 278-279)
79	CLIP	Occurrence Pb Zn	116 C 1	7	D.I.A.N.D. (1981, p. 288)
80	PLUTO	Porphyry Mo W	116 C 8	7	D.I.A.N.D. (1983, p. 223,225)
81	THOR	Vein Au Cu	116 B 8	7	D.I.A.N.D. (1981, p. 289-291); This Report
82	ETC	Unclassified	116 B 2	9	D.I.A.N.D. (1981, p. 293)
83	FROGGY	Unclassified	116 B 3	9	D.I.A.N.D. (1981, p. 293)
84	FRESNO	Unclassified	116 B 4	9	D.I.A.N.D. (1981, p. 293)
85	RIKI	Unclassified	116 B 9	9	D.I.A.N.D. (1982, p. 240)
86	TAK	Occurrence Pb Ag	116 B 10	7	This Report
87	KITL	Occurrence Pb Zn	116 B 15,14	7	D.I.A.N.D. (1982, p. 240)
88	GUCH	Vein Pb	116 C 2	7	D.I.A.N.D. (1982, p. 241)
89	BALDY	Stratabound Pb Zn Cu	116 C 2	7	D.I.A.N.D. (1981, p. 292)
90	RAIL	Skarn W	116 C 8	7	D.I.A.N.D. (1985, p. 279-280)
91	MAIDEN (TING)	Granite-associated U	116 C 7	7	D.I.A.N.D. (1981, p. 292); Eaton (This Report)
92	REIN	Stratabound Ba	116 B 9	7	D.I.A.N.D. (1981, p. 292)
93	NEBULOUS	Occurrence U	116 B 7	7	D.I.A.N.D. (1981,p. 293)
94	DEM	Unclassified	116 B 13	7	Sinclair et al (1976, p. 85)
95	OD	Unclassified	116 B 13	7	Sinclair et al (1976, p. 86)
96	ID	Vein Cu	116 B 13	7	Sinclair et al (1976, p. 87)
97	KIMI (KIM)	Unclassified	116 B 14	9	Sinclair et al (1976, p. 88)
98	MONY	Unclassified	116 B 8	9	Morin et al (1977, p. 142)
99	GULCH	Granite-associated U	116 B 11	7	Morin et al (1977, p. 143)
100	ROSE (RG)	Unclassified	116 C 7	9	D.I.A.N.D. (1982, p. 242)
101	HOT	Unclassified	116 B 8	9	Morin et al (1979, p. 53)
102	TETA	Granite-associated U	116 B 7	7	Morin et al (1979, p. 54)

103	SUMTING	Unclassified	116 B 7	9	Morin et al (1979, p. 54)
104	BRX	Unclassified	116 B 11	7	Morin et al (1979, p. 55)
105	ROB	Unclassified	116 B 14	7	Morin et al (1979, p. 56)
106	DAWG	Unclassified	116 B 15	9	Morin et al (1979, p. 56)
107	PUB	Unclassified	116 C 2	9	Morin et al (1980, p. 29)
108	MICKEY	Unclassified	116 C 8	9	D.I.A.N.D. (1982, p. 241-242)
109	SPEC	Unclassified	116 B 3	9	D.I.A.N.D. (1983, p. 224,227)
110	SWEDE	Unclassified	116 C 1	9	D.I.A.N.D. (1982, p. 224)
111	GRAPS	Unclassified	116 B 9	9	D.I.A.N.D. (1982, p. 224)
112	TURK	Asbestos	116 C 7	9	D.I.A.N.D. (1985, p. 280)
113	MILLER CREEK	Unclassified	116 C 2	9	D.I.A.N.D. (1985, p. 280)
114	HOLLY	Unclassified	116 C 1	9	
115	TIZA	Asbestos	116 C 8	7	D.I.A.N.D. (1983, p. 224,226)
116	JOE "1"	Unclassified	116 B 3	9	D.I.A.N.D. (1983, p. 224,227)
117	CEDAR	Unclassified	116 C 2	9	D.I.A.N.D. (1983, p. 224,227); This Report
118	PINE	Unclassified	116 C 2	9	D.I.A.N.D. (1983, p. 224,227)
119	SPEC-2	Unclassified	116 B 3	9	D.I.A.N.D. (1983, p. 224,227)
120	XL	Unclassified	116 B 3	9	D.I.A.N.D. (1985, p. 280); This Report
121	TOP	Unclassified	116 B 4	9	D.I.A.N.D. (1985, p. 280); This Report
122	SMOKEY	Unclassified	116 C 7	9	D.I.A.N.D. (1985, p. 280)
123	BH	Unclassified	116 C 7	9	D.I.A.N.D. (1985, p. 277)
124	SHARON	Unclassified	116 B 3	9	This Report
125	TOWER	Unclassified	116 B 3	9	This Report
126	GEF	Unclassified	116 B 3	9	This Report
127	RENZO	Unclassified	116 B 3	9	This Report
128	KTMR	Unclassified	116 B 3	9	This Report
129	OWEN	Unclassified	116 C 1	9	This Report
130	TIE	Unclassified	116 C 8	9	This Report

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

MACLEAN
Dawson Eldorado Gold Explorations Ltd.

Vein Au
116 B 3 (6)
(64°01'N,139°16'W)

Reference: MacLean (1914 p. 125); D.I.A.N.D. (1985 p. 275,277,280).

Claims: KLEAN 1-12

Source: Summary by D.S. Emond from assessment report 091560 by J.K. Mortensen (Archer, Cathro & Assoc. (1981) Ltd.

History:

A portion of the rock bluff 1 km west of the mouth of Bear Creek was staked as the Golden Age claim in 1900 by W.O. Smith. He worked a 10 m adit between 1901 and 1908 and took the claim to lease. The property was sold to Yukon Gold Co. Ltd. in 1913.

Description:

Most of the claim group is underlain by thinly interlayered, carbonaceous, siliceous phyllites and fine-grained quartzites which are derived from thinly interbedded carbonaceous shales and siliceous siltstones and meta-cherts. Pale- to medium-green, weakly calcareous chlorite-muscovite schist, and medium- to dark-brown biotite schist (metavolcanic rocks) are interlayered with the metasedimentary rocks. A major shallowly southward-dipping thrust fault emplaces quartz-augen quartz-muscovite (+chlorite) schist and overlying quartz-muscovite schist on top of the carbonaceous sequence. Strong deformation and shearing (mostly thrust related) characterizes the carbonaceous rocks which are exposed in a continuous band from the mouth of Hunker Creek to north of Bonanza Creek. In several localities (e.g., Jackson Gulch at 3 km west of the property) the shearing is particularly intense and narrow discontinuous slices of strongly altered ultramafic rock are located along some shears ("melange").

Veining is common in the rocks below the thrust fault, but the strong deformation makes foliaform and discordant quartz veins indistinguishable. Narrow stringers of white quartz with dark rusty brown to orange weathering siderite occur in outcrop and are abundant in dredge tailings on Bear Creek. A sample analyzed by MacLean (1914) gave a trace gold and the owner of the claim said that a 1.8 tonne mill test had returned almost 68.6 g/t Au (unconfirmed by available records).

Current Work and Results:

The adit, examined by Mortensen in 1983, was completely caved in. Bedrock exposed nearby is mainly carbonaceous phyllite and quartzite, locally with narrow interbeds of pale green to rusty brown weathering muscovite-carbonate schist. A very strong crenulation fabric is developed locally and shear zones occur in several orientations. Irregular quartz lenses are mostly foliaform. Narrow quartz-siderite stringers predate most or all of the shearing.

Soil geochemistry was not deemed useable since gold values reflect content of the White Channel gravel deposits.

******

LEPINE
Archer, Cathro and Associates (1981) Limited

Gold
116 B 3 (8)
(64°08'N,139°02'W)

Reference: D.I.A.N.D. (1985 p. 275,278,280).

Claims: KLEP 1-16

Source: Summary by D.S. Emond from assessment report 091564 by J.K. Mortensen.

History:

The Lepine Creek area was heavily prospected and partly developed for lode gold in the early 1900's in spite of it not being near any producing placer streams.

Description:

McConnell (1905) describes rocks of the property (Wells Group) as sericite schist, commonly silicified and locally impregnated with iron, traversed by a recent, wide quartz porphyry dyke which are both completely decomposed to at least 4.6 m depth. The decomposed material constituted the ore.

Outcrop on Ruiter Creek consists mainly of pale- to medium-green, fine- to medium-grained, muscovite-chlorite- and chlorite-muscovite-schists with narrow foliaform quartz lenses. Fine-grained, slightly micaceous, carbonaceous quartzite also occurs in float rock.

On the ridge between Ruiter and Bradley Creeks, near an old open cut, bedrock is rusty orange weathering muscovite and quartz-muscovite schist cut by dykes of tan to rusty orange weathering, unfoliated quartz (+/-feldspar) porphyry. All rocks are very strongly altered.

Current Work and Results:

A property visit in 1983 consisted of a brief geological evaluation and the collection of 43 soil and silt samples on, and near the property. The old adit on the Sir Charles Tupper claim (MacLean 1914) was relocated and reconnaissance geological mapping and sampling was carried out around it. The adit is situated immediately east of the junction of Lepine and Fysch Creeks. There was no evidence of work in the past 70 years.

Geochemical sampling demonstrated that anomalous levels of precious and base metals and arsenic are present locally in the area. Two weakly to moderately anomalous values of molybdenum are present.

*****

VIRGIN
Dawson Eldorado Gold Explorations Limited

Gold Vein
116 B 3,
115 O 14 (5)
(64°00'N,139°14'W)

Reference: D.I.A.N.D. (1985 p. 275,277,280), Debicki (1984).

Claims: KLOT 1-8

Source: Summary by D.S. Emond from assessment report 091563 by J.K. Mortensen (Archer, Cathro and Associates (1981) Ltd.) and property visit by Debicki in 1983.

Description:

Quartz-eye schists dominate on the property, and are pale- to medium-green, buff and pinkish brown with thin colour- and grain size-banding (1-30 cm). The rock is a fine-grained, quartz-muscovite (+/-feldspar, chlorite) schist with less than 1 to 10 volume percent of clear to slightly bluish, round quartz augen (1-5 mm diam.).

The schist is shallowly dipping. One south-trending, easterly-verging, megascopic, second (or third) phase minor fold occurs in outcrop along the Bear Creek road.

Foliaform quartz is common in lenses up to 15 cm and locally contains up to 50 volume % white to pinkish feldspar.

"Fractured, rusty weathering, milky white quartz occurs as small discontinuous and anastamosing veinlets and narrow massive to vuggy veins" which comprise up to 25% of the rock (Debicki 1984). Pyrite and minor amounts of galena and chalcopyrite occur in the quartz and vein material has assayed 25.5 g/t Au and 10.0 g/t Ag (MacLean 1914). The veins strike northwesterly, dip moderately to steeply northeastward, and are 2.5 to 40.6 cm thick.

Current Work and Results:

Blocks of vein quartz containing trace pyrite as cubes and grains (less than 2 cm diam.) were found near the old shaft (veins up to 1 m thick). Some visible gold (associated with pyrite) was found in discordant vein material in the chute into the ore bin at the old mill.

Seventy-two soil samples were collected on a grid in the immediate area of the old workings and analyzed for copper, lead, zinc, silver and arsenic by atomic absorption and for gold by neutron activation. Base metal and silver values are uniformly low; only two samples were anomalous in arsenic (above background of 15 ppm); fifteen samples were anomalous in gold (background 10 ppb) with five greater than 100 ppb Au. Higher values are confined to areas near the old shafts and adits. Soil geochemistry is however of limited use in this area due to the hydraulic placer mining methods.

*****

O'BRIEN (A.J.)
Cody Hawk Resources Inc.
Conwest Exploration Company Ltd.

Gold
116 B 8 (73)
(64°17'N,138°10'W)

Reference: D.I.A.N.D. (1985 p. 276,278).

Claims: JA 1-36; AJ 3-6,15-16

Source: Summary by D.S. Emond from assessment report 091576 by G.W. Grant.

History:

The AJ claims were originally staked by Conwest Exploration Co. Ltd. in 1966 following the discovery of gold-bearing arsenopyrite by prospector Arthur John during a regional prospecting program. This was followed by a program by surface trenching and sampling, geological mapping, prospecting, limited diamond drilling (four short holes) and some geophysical testing. Further work was done in 1975 by Teck Corporation and Acheron Mines Ltd., and by Riocanex Ltd. in 1980. In 1983, bulk samples were taken from four separate veins.

Description:

The claims cover the contact between the Antimony Mountain intrusion (Cretaceous?, part of the Tombstone intrusives) and north-northwest-striking, south-dipping sedimentary rocks of the Grit Unit. The intrusion at the contact grades from a basic, fine-grained phase to a coarser, porphyritic syenite. Shear and fracture zones with local arsenopyrite fillings trend N70°E and dip southward, and are commonly associated with strongly gossanized quartzite.

Previous surface trenching and shallow diamond drilling indicates there are three zones of arsenopyrite-rich vein swarms in shear zones. These veins are 0.46 to 2.13 m wide and gold is confined to the veins ranging up to 120 g/t Au over 1.31 m. Two of these zones persist at depth; the zones are open both along strike and down dip.

Current Work and Results:

In 1983, a program of geochemistry and geophysics including VLF-EM, vertical loop EM and magnetometer surveys was carried out, with stations at 30.5 m intervals. The massive arsenopyrite vein zones respond to both VLF and vertical loop methods using higher frequencies than previously applied, but cannot distinguish individual veins in the two zones. The

north zone extends for at least 91.44 m along a 100° strike; the south zone, 243.84 m along 265°; and a third zone, arcuate in plan, is about 121.92 m along strikes of 305° at the east and 275° at the west end. The former two have known associated gold-bearing veins. The magnetic survey only outlined the diorite dyke related to the Antimony Mountain intrusive.

*****

TAK
Noranda Exploration Company, Limited

Lead,Silver,Gold
Vein
116 B 9,10 (86)
(64°33'N,138°32'W)

Reference: D.I.A.N.D. (1985 p. 276,279,281).

Claims: TAK 1-52

Source: Summary by D.S. Emond from assessment report 091607 by W. Reid.

Description:

Thick-bedded quartzite occurs at the contact of Road River formation to the south and Grit Unit to the north. The quartzite is iron stained and fractured with minor vein and disseminated galena. Road River Formation rocks consist of grey-green to black chert and shales with minor thin limestone and fine-grained sandstone units. Bedding strikes east and is open to moderately folded.

Narrow discontinuous quartz-carbonate veins with poddy galena and arsenopyrite cut these rocks.

Current Work and Results:

In 1984, line-cutting, geological mapping at 1:2500 scale, prospecting, soil geochemistry, VLF-EM geophysical surveying, trenching and diamond drilling were performed. Field work defined the trace of two vein systems within Road River Formation argillites.

The 1983 grid was extended (9.5 km of new line) and 426 soil samples were taken at 25 m intervals. The central part of the grid contains a highly anomalous area consisting of four separate anomalies. These are all lead-silver anomlies. High arsenic values are associated only with Vein No. 1. Copper and zinc values are weakly anomalous in these zones. One soil sample contained 3850 ppm Pb and 21.0 ppm Ag.

A total of 16.5 km of VLF-EM was completed using a GEONICS EM-16 unit with stations every 25 m. Fraser Filtered data shows a number of parallel linear anomalies striking approximately east. One correlates with No. 1 Vein; however, further investigation shows that the vein and the conductive horizon (a black graphitic argillite) cut each other at an oblique 15° angle.

Six hand trenches were excavated. A trench on Vein No. 1 located a 40 cm wide galena-arsenopyrite-siderite vein which assayed 11% Pb, 274 g/t Ag and 6.86 g/t Au.

Three NQ diamond drill holes totalling 223.7 m were drilled in an attempt to intersect the galena-arsenopyrite-siderite veins of Vein No. 1. Results of drilling only intersected a 4 cm wide mineralized vein which assayed 8.19 g/t Au. The vein is located in a moderately fractured zone of graphitic to cherty argillite with minor clay alteration. This vein appears narrow and discontinuous.

Vein No. 2 (100 m south) was found, only as massive galena float which contained up to 82% Pb and 8571.2 g/t Ag and has not been tested.

*****

PINE
S.J. Takacs

116 C 2 (118)
(64°03'N,140°44'W)

Reference: D.I.A.N.D. (1983 p. 224, 227).

Claims: PINE 1-4

Source: Summary by D.S. Emond from assessment report 091542 by S.J. Takacs.

History:

The claims were staked in 1982.

Current Work and Results:

In 1983, three trenches were excavated with a bulldozer and one diamond drill hole was bored totalling 3.2 m through white channel gravel and underlying bedrock. Trench No. 1 had a maximum depth of 5.49 m, 2.4 m of which was decomposed conglomerate; Trench No. 2, a maximum depth of 2.74 m with 1.52 m decomposed conglomerate; Trench No. 3 was not completed due to permafrost conditions. Heavy mineral concentrates were analyzed from white channel conglomerate for gold, silver and trace elements and returned up to 0.274 g/t Au in trench and drill hole samples.

*****

CLAIMS STAKED 1984

GERMAINE — 116 B 2 — (2)
Archer, Cathro & Assoc. (1981) — (64°02'N, 138°55'W)

Claims 1984: ACRETE 1-14

XL — 116 B 2 — (120)
Laberge Resources Ltd. — (64°06'N, 139°13'W)
J. Hua

Claims 1984: XL 35-170

LEPINE — 116 B 3 — (8)
Archer, Cathro & Assoc. Ltd. (1981) — (64°07'N, 139°12'W)

Claims 1984: KLEP 17-62

FIBRE — 116 B 3 — (9)
P. Henry — (64°03'N, 139°22'W)

Claims 1984: TRONDUIT 1

MIDNIGHT DOME — 116 B 3 — (10)
C. Ashley — (64°04'N, 139°22'W)

Claims 1984: CYA 1-2

SHARON — 116 B 3 — (124)
W. Dawson — (64°02'N, 139°24'W)

Claims 1984: SHARON 1-33, 35-59, MOON 1-55, EH YOU 1-10, PAUL 1-4, CRAZY 1-27, SNAKE 3-46, FINIT 1-7, CLANCY 1-2, 1 FOR THE MONEY, 2 FOR THE SHOW, 3 TO GET READY, LAUREL, HARDY, GROUCHO, CHICO, HARPO, ZEPPO

TOWER — 116 B 3 — (125)
M. Woods — (64°04'N, 139°18'W)

Claims 1984: TOWER 1-26

GEF — 116 B 3 — (126)
Ashley Exploration Ltd. — (64°05'N, 139°09'W)

Claims 1984: GEF 1-25

RENZO
Ashley Exploration Ltd.

Claims 1984: RENZO 1-49

116 B 3 (127)
(64°04'N, 139°15'W)

VIRGIN
Archer, Cathro & Associates (1981) Ltd.

Claims 1984: KLOT 9-34

116 B 3, 115 O 14 (5)
(63°58'N, 139°11'W)

TOP
Marshall Earth Resources Ltd.

Claims 1984: TUNG 1-6, TOP 75-80

116 B 4 (121)
(64°05'N, 139°31'W)

MULTIPLY
G. Freibergs

Claims 1984: MYN 1-4

116 B 8 (43)
(64°27'N, 138°27'W)

THOR
W.G. Grant

Claims 1984: ROTH 1-20

116 B 8 (81)
(64°18'N, 138°15'W)

KIWI
Dawson Eldorado Gold Explorations Ltd.

Claims 1984: SEELA 1-51

116 B 10 (66)
(64°45'N, 138°53'W)

CEDAR, MILLER
Underhill & Underhill Engineering

Claims 1984: LGC 1-104

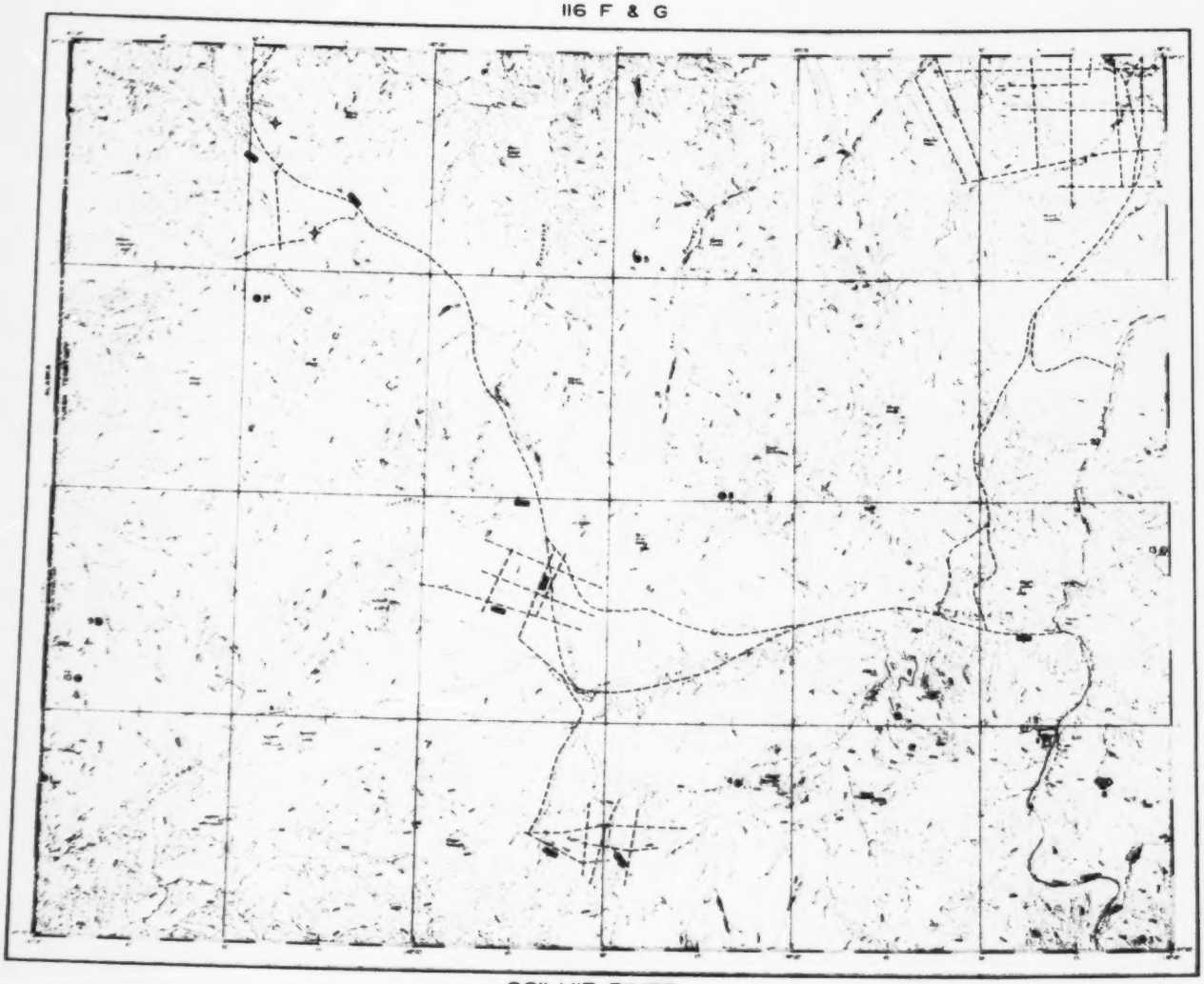
116 C 2 (117,14)
(64°00N, 140°42'W)

KTMR
Dawson Eldorado Gold Exploration Ltd.

Claims 1984: KTMR 1-12

116 C 15 (128)
(64°47'N, 140°54'W) &

116 F & G



OGILVIE RIVER
YUKON TERRITORY

Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

Mineral Deposit or Occurrence (see Key on Posting page)

Unmineralized Target

Mineral Claims in good standing (Jan. 1980) and staked before Jan. 1964

Mineral Claims staked in 1964

Placer Leases in good standing (Jan. 1980)

Placer Claims in good standing (Jan. 1980)

Dredging Leases in good standing (Jan. 1980)

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Silvertip Road

69 or Gas Well

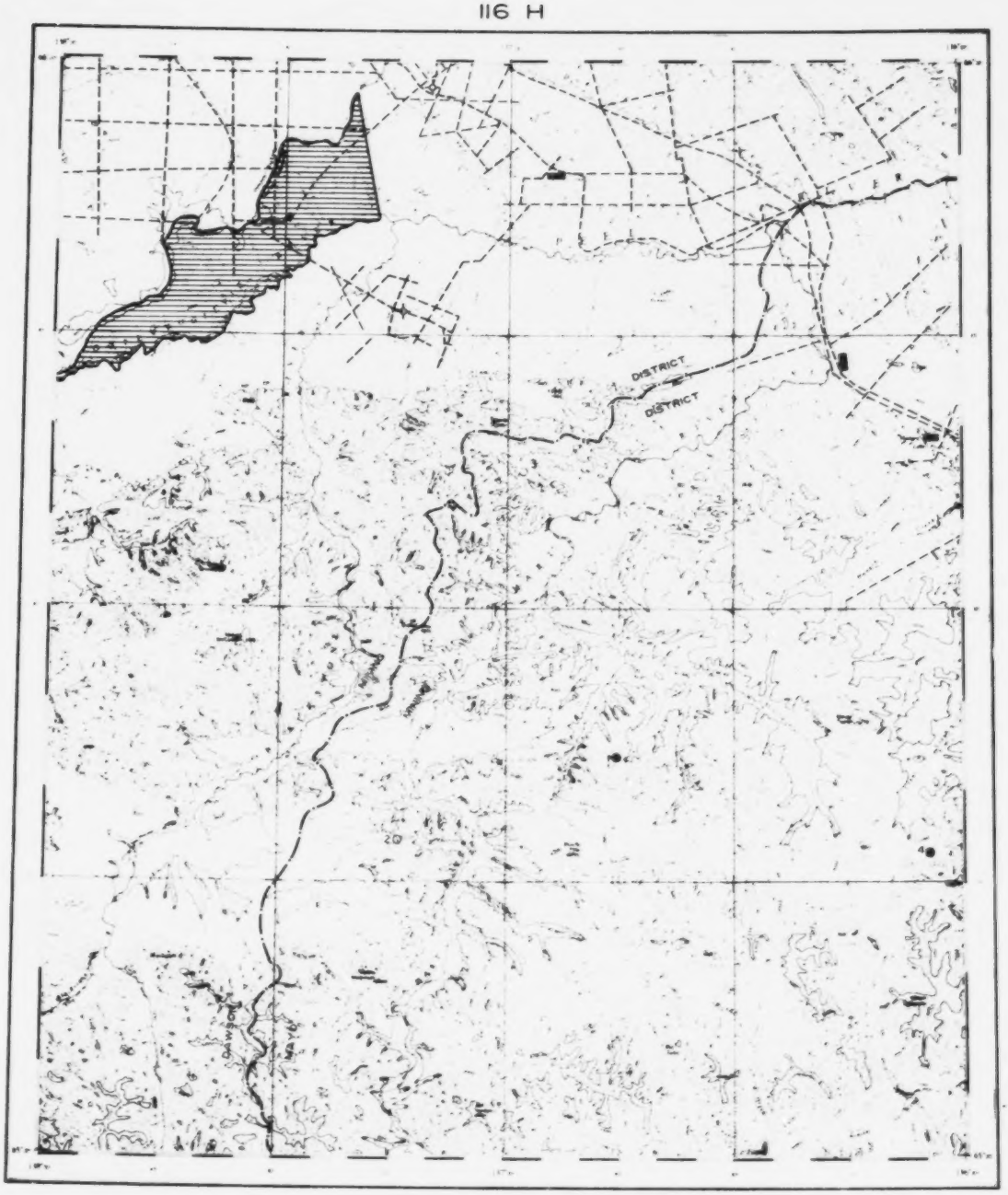
Airstrip

OGILVIE MAP-AREA (NTS 116 F-G)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1526A by: D.K. Norris, 1982a.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	BURGOYNE (KEPT)	Occurrence Zn	116 F 2	7	Sinclair et al (1976, p. 90)
2	SIT DOWN	Unclassified	116 F 9	7	Norris (1976, p. 459)
3	DYKE	Occurrence Cu, Asbestos	116 G 1	7	Norris (1974, p. 344)
4	NUCLEAR (BEAR)	Occurrence Pb Zn	116 G 3	7	Sinclair et al (1975, p. 77-78)
5	GIG	Vein Pb	116 G 14	7	
6	COOT	Vein Pb	116 G 11	7	
7	BIBLO	Carbonate-hosted Zn Pb, Vein Pb Ba	116 G 7	7	D.I.A.N.D. (1981, p. 295);
8	MILCH	Occurrence Ba	116 G 1	7	D.I.A.N.D. (1982, p. 245)
9	PL	Occurrence Pb Zn	116 F 7	7	Morin et al (1980, p. 30-31)
10	TIN	Occurrence U	116 F 7	7	Morin et al (1980, p. 30)
11	ELBOW	Occurrence Ba	116 G 1	7	Morin et al (1980, p. 31)
12	KZ	Unclassified	116 G 1	9	D.I.A.N.D. (1983, p. 229)
13	BANG ON	Vein Ba	116 G 8	9	D.I.A.N.D. (1982, p. 245); D.I.A.N.D. (1983, p. 229)

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.



HART RIVER
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

Mineral Deposit or Occurrence see Key on facing page

Unmineralized Target

Mineral Claims in good standing (Jan. 1985) and staked before Jan. 1984

Mineral Claims staked in 1984

Placer Leases in good standing (Jan. 1985)

Placer Claims in good standing (Jan. 1985)

Dredging Leases in good standing (Jan. 1985)

EL Coal Exploration Licence

ML Coal Mining Lease

Tote Trail

Driveable Road

Oil or Gas Well

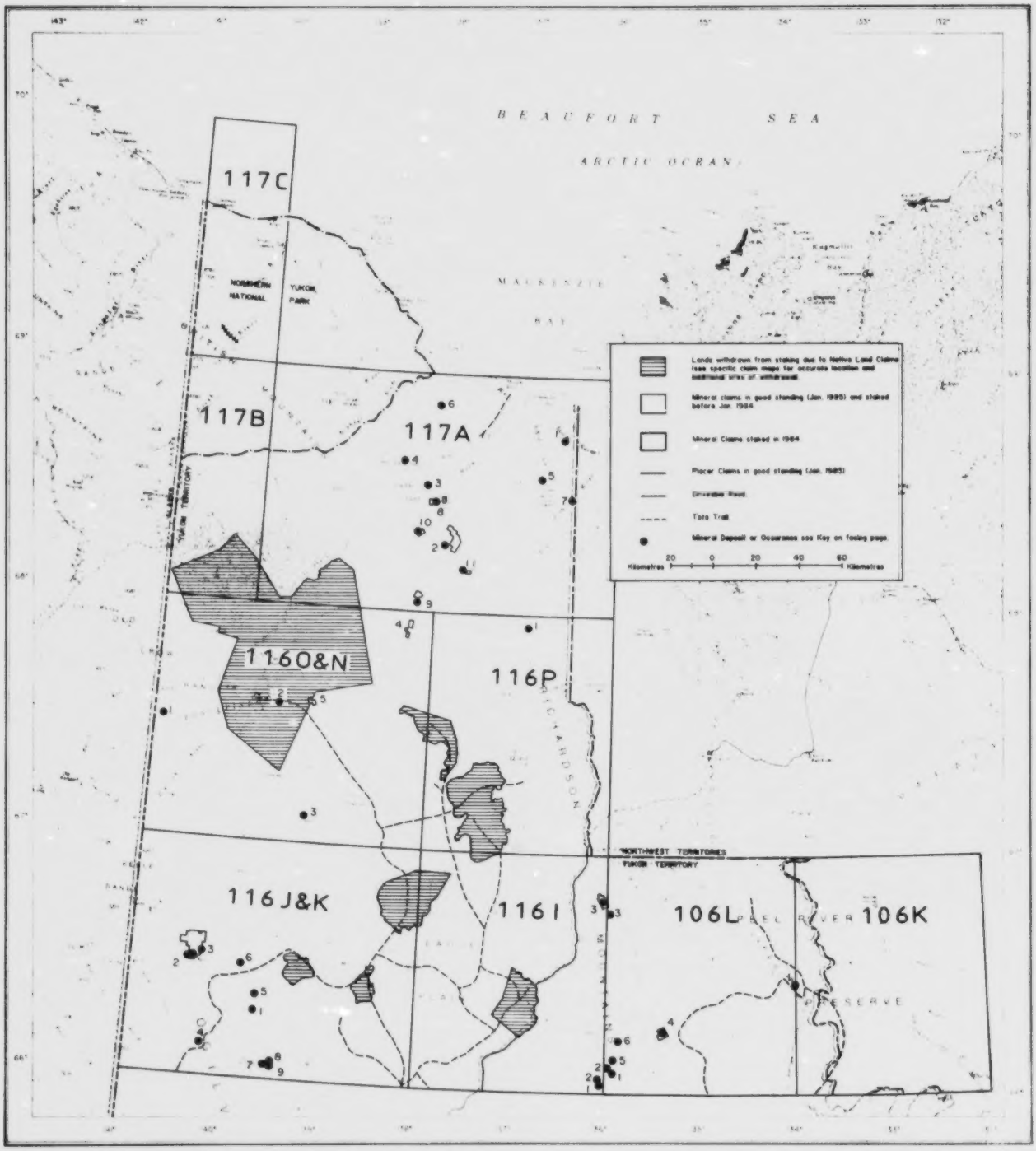
Airstrip

HART RIVER MAP-AREA (NTS 116 H)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1527A by: D.K. Norris, 1982b.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	CUNG	Vein Cu	116 H 7	7	Sinclair et al (1975, p. 69-70)
2	JANE	Unclassified	116 H 6	9	Sinclair et al (1976, p. 75); D.I.A.N.D. (1982, p. 247); D.I.A.N.D. (1983, p. 231)
3	CYLINDER	Unclassified	116 H 10	9	Morin et al (1980, p. 24)
4	HEIDI	Vein Ba	116 H 8	7	D.I.A.N.D. (1982, p. 247); D.I.A.N.D. (1983, p. 231)

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.


BEAUFORT SEA
ARCTIC OCEAN
MACKENZIE BAY
117C
117B
117A
116O&N
116P
116J&K
116I
106L
106K
NORTHERN YUKON NATIONAL PARK
YUKON TERRITORY
NORTHWEST TERRITORIES
YUKON TERRITORY
RICHARDSON
PEEL RIVER
PRESERVE
Lands withdrawn from staking due to Native Land Claims (see specific claim maps for accurate location and additional area of withdrawal)
Mineral claims in good standing (Jan. 1985) and staked before Jan 1984
Mineral Claims staked in 1984
Placer Claims in good standing (Jan. 1985)
Dimention Road
Toto Trail
Mineral Deposit or Occurrence see Key on facing page
20 0 20 40 60
Kilometres
Kilometres

MARTIN HOUSE MAP-AREA (NTS 106 K)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1525A by: D.K. Norris, 1981h.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	CARIBOU BORN	Coal	106 K 5	7	

TRAIL RIVER MAP-AREA (NTS 106 L)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1524A by: D.K. Norris, 1981g.
GSC Open File 875 by: M.P. Cecile, I.F. Hutcheon, V. Gardner, 1982.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	PILON	Carbonate-hosted Zn Pb	106 L 4	7	Sinclair et al (1975, p. 88-89)
2	TWICE	Carbonate-hosted Pb Zn	106 L 4	7	Sinclair et al (1975, p. 90-91)
3	TOUCHE	Occurrence Ba	106 L 12	7	D.I.A.N.D. (1983, p. 233)
4	NOR	Breccia U Cu	106 L 6	7	D.I.A.N.D. (1981, p. 300-301)
5	RAS	Carbonate-hosted Pb Zn	106 L 4	9	Sinclair et al (1976, p. 78)
6	PETE	Carbonate-hosted Pb Zn	106 L 5	7	Sinclair et al (1976, p. 79)

EAGLE RIVER MAP-AREA (NTS 116 I)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1523A by: D.K. Norris, 1981.
GSC Open File 875 by: M.P. Cecile, I.F. Hutcheon, V. Gardner, 1982.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	LLOD	Carbonate-hosted Zn Pb	116 I 1	7	Sinclair et al (1975, p. 87-88)
2	HARIVAL	Carbonate-hosted Zn Pb	116 I 1	7	Sinclair et al (1975, p. 87-88)
3	TOUCHE	Occurrence Ba	116 I 16,13	7	D.I.A.N.D. (1983, p. 233-234)

106 K, L
116 I, J-K, N-O, P
117 A

PORCUPINE RIVER MAP-AREA (NTS 116 J-K)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1522A by: D.K. Norris, 1981e.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	PEACH	Carbonate-hosted Zn Pb	116 J 5	7	Sinclair et al (1975, p. 81-82)
2	RUSTY SPRINGS	Vein Ag Pb Zn Cu	116 K 8	5	D.I.A.N.D. (1985, p. 288)
3	ALTO	Iron formation and/or ironstone	116 K 9	2	Norris (1976, p. 461)
4	BERN	Unclassified	116 K 1	7	Sinclair et al (1975, p. 79-81)
5	FISHING BRANCH	Carbonate-hosted Zn Pb	116 J 5	7	Sinclair et al (1975, p. 81-82)
6	MOKO	Carbonate-hosted Zn Pb	116 J 5	7	Sinclair et al (1975, p. 81-82)
7	WART	Vein unclassified	116 J 4	7	Sinclair et al (1975, p. 84)
8	YUM	Carbonate-hosted Zn Pb	116 J 3	7	Sinclair et al (1975, p. 83-84)
9	BULLIS	Carbonate-hosted Zn Pb	116 J 3	7	Sinclair et al (1975, p. 85)

OLD CROW MAP-AREA (NTS 116 N-O)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1518A by: D.K. Norris, 1981c.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	SUNAGHUN	Occurrence W Pb Zn	116 N 7	7	Green & Godwin (1964, p. 18)
2	TACK	Unclassified	116 O 12	7	McConnell (1890, p. 127-128)
3	SALEKEN	Carbonate-hosted Zn Pb	116 O 3	7	Sinclair et al (1975, p. 85-86)
4	BEAR	Unclassified	116 O 16	7	
5	NOR	Unclassified	116 O 11	9	D.I.A.N.D. (1985, p. 289)

* Unclassified is the term used for properties for which there is no public data other than location, or for which public data exists, but not enough to classify the occurrence.

BELL RIVER MAP-AREA (NTS 116 P)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1519A by: D.K. Norris, 1981d.

NO.	PROPERTY NAME	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	NORRIS	Coal	116 P 15	7	Norris (1974, p. 348)

BLOW RIVER MAP-AREA (NTS 117 A)

General Reference: GSC Map 1516A by: D.K. Norris, 1981b.

NO.	PROPERTY	OCCURRENCE TYPE*	N.T.S.	STATUS	REFERENCE
1	MOOSE CHANNEL	Coal	117 A 9	7	Bostock (1953, p. 30)
2	BONNET	Coal	117 A 7	7	Jeletsky (1960)
3	HOIDAHL	Occurrence Mo W	117 A 11	7	Yokes (1963)
4	WELCOME	Coal	117 A 11	7	Bostock (1953, p. 26)
5	RAPID	Ironstone	117 A 9	7	Young (1972, p. 232)
6	SHINGLE	Coal	117 A 14	7	Norris (1972, p. 97)
7	STRADDLE	Ironstone	117 A 8	7	Young (1972, p. 232)
8	MAM	Skarn U W Mo	117 A 6	7	D.I.A.N.D. (1981, p. 304)
9	NET	Work Target U	117 A 3, 116 O 16	7	Morin et al (1979, p. 58)
10	BOU	Work Target U	117 A 6	7	Morin et al (1979, p. 58)
11	LIN	Work Target U	117 A 2	7	Morin et al (1980, p. 31)

INDEX OF ACQUISITIONS OF H.S. BOSTOCK CORE LIBRARY

The H.S. Bostock Core Library houses over 100,000 metres of diamond drill core from 115 Yukon properties. The facility is located across the street from the Northern Affairs building at 200 Range Road. The core is stored in its original boxes, with no sample reduction practised. Confidentiality is maintained on the same basis as mineral claim assessment reports; a letter of release from the company owning the property must accompany a request to view confidential core. Status of specific core can be checked and arrangements to view, or submit new core can be made by contacting the core librarian at 668-5151. Diamond drill saws, a core splitter and microscopes are available for use in heated examination rooms.

The following is a list of the properties now represented in the library. Location of the properties can be found by referring to N.T.S. maps and lists in this volume.

N.T.S.	MAP LIST NO.	PROPERTY AND/OR CLAIM NAME	COMPANY
94 K (B.C.)		DRIFTPILE CREEK	Archer, Cathro & Assoc. (1981) Ltd. (Gataga J.V.)
94 L (B.C.)		DRIFTPILE CREEK	Archer, Cathro & Assoc. (1981) Ltd. (Gataga J.V.)
95 D 5	(3)	MCMILLAN (QUARTZ LAKE)	Asarco Exploration of Canada
95 D 5, 12	(3)	MCMILLAN (QUARTZ LAKE)	Noranda Exploration Co., Ltd.
95 D 5, 12	(8)	PORKER	Archer, Cathro & Assoc. (1981) Ltd. (Hyland J.V.)
95 D 6	(2)	MEL-HOSER	Sovereign Metals Ltd.
104 M 1 (B.C.)		HOBOE CREEK	Noranda Exploration Co., Ltd.
105 A 7, 10	(6)	HUNDERE	Canadian Mine Services, Cima Resources
105 B 1	(3)	LUCK (A & B)	Serem Resources
105 B 1	(4)	FIDDLER	Amax of Canada Ltd.
105 B 4	(54)	CAN	Cominco Ltd.
105 B 7	(17)	NITE	Archer, Cathro & Assoc. (1981) Ltd. (Wolf Lake J.V.)
105 B 11	(35)	IRVINE (RANCHERIA)	Hudson Bay Exploration & Development Co. Ltd.
105 C 8, 9	(2)	BAR (SMEG)	Comox Resources Ltd.
105 C 13	(6)	RED MOUNTAIN	Boswell River Mines
105 C 14	(17)	LINDSAY	J. Lindsay
105 D 1	(1)	JUBILEE	Golden Slipper Resources, Logan Mines Ltd.
105 D 2	(9)	BIG THING (ARCTIC)	Arctic Gold & Silver Mine
105 D 2	(9)	BIG THING (ARCTIC) (PEERLESS)	International Mine Services
105 D 2	(5)	VENUS	Venus Mines Ltd.
105 D 3	(28)	MT. ANDERSON	Noranda Exploration Co., Ltd.
105 D 4	(105)	RAM	Inco Metals Co.

105 D 10, 11	(49)	WHITEHORSE COPPER (VALERIE)	Whitehorse Copper Mines Ltd.
105 D 11	(49)	WHITEHORSE COPPER (LAST CHANCE)	Hudson Bay Exploration & Development Co. Ltd.
105 D 11	(49)	WHITEHORSE COPPER (WAR EAGLE)	Hudson Bay Exploration & Development Co. Ltd.
105 D 11		Whitehorse Power Dam	Northern Canadian Power Commission
105 D 11	(53)	POLAR	M. Nichiporick
105 D 14	(147)	BEE	Silver Sabre Resources
105 D 14	(79)	SUITS (KING LAKE)	United Keno Hill Mines Ltd.
105 F 3		QUIET LAKE	J. Lindsay
105 F 6	(72, 73)	HIDDEN, AYDUCK	Archer, Cathro & Assoc. (1981) Ltd. (Cub J.V.)
105 F 10, 7	(75)	GULL (SEAGULL, MAT)	Dupont of Canada Exploration
105 G 2	(24)	FYRE (DUB)	Atlas Exploration
105 G 3	(4)	TINTINA (EAGLE)	Tintina Silver
105 G 6	(55)	BOOT	Archer, Cathro & Assoc. (1981) Ltd. (Chevron Canada)
105 G 6	(69)	CYR	Newmont Exploration
105 G 6	(13)	SANDERS (MARMOT)	Archer, Cathro & Assoc. (1981) Ltd. (Chevron Canada)
105 G 7	(21)	PACK	Conwest Exploration Ltd.
105 G 8	(44)	FETISH	Archer, Cathro & Assoc. (1981) Ltd. (Finlayson J.V.)
105 G 11	(58)	EAGLE (FRED) (BEV)	Hudson Bay Exploration & Development Co. Ltd.
105 G 14	(68)	LEACH	Dupont of Canada Exploration
105 G 14	(42)	ELECTRIC (SHALE)	Pelly Banks Syndicate
105 H 5	(55)	JULIA	Esso Minerals Canada
105 H 8	(50)	SUSAN	Union Carbide
105 I 12, 105 J 9	(13)	ABBEY	Archer, Cathro & Assoc. (1981) Ltd. (Itsi J.V.)
105 K 1	(1)	TENAS	Dupont of Canada Exploration
105 K 2	(88)	GREW CREEK (CANYON)	Hudson Bay Exploration & Development Co. Ltd.
105 K 3	(6)	LYN	Cyprus Exploration
105 K 3	(6)	LYN (PUG)	J. Graham
105 K 3	(5)	FARGO (SUNSET)	Welcome North Mines
105 K 6		ROSE CREEK	Cyprus Anvil Mines Ltd.
105 K 11	(44)	KEGLOVIC (HAL)	Northern Homestake
105 L 8	(20)	FELIX	Union Carbide
105 L 14	(30)	TUM	Cominco Ltd.
105 M 14	(20)	EAGLE	Archer, Cathro & Assoc. (1981) Ltd. (Brameda Resources)
105 O 1	(1)	TOM	Hudson Bay Exploration & Development Co. Ltd.
105 O 1	(28)	ESS	Archer, Cathro & Assoc. (1981) Ltd. (Itsi J.V.)
105 O 1	(29)	FETCH	Inco Metals Co.
106 B 4	(4)	BIRKELAND (TOM)	McIntyre Mines Ltd.
106 B 15,16	(N.W.T)	GAYNA RIVER	Rio Tinto
106 C 7	(19)	GOZ CREEK	Barrier Reef Resources

106 C 7	(20)	HARRISON	Great Plains Development
106 C 13	(6)	FAIRCHILD	Magni Mana Cement
106 C 14	(10)	MAMMOTH (DOLORES CREEK)	Bonnet Plume River Mines
106 C 14	(71)	PTERD	Archer, Cathro & Assoc. (1981) Ltd. (Ogilvie J.V.)
106 C 15, 16	(48)	CAB	Welcome North Mines
106 D 10	(48)	BOND	Archer, Cathro & Assoc. (1981) Ltd. (Wernecke J.V.)
106 D 16	(37)	PAGISTEEL	Pacific Giant Steel
106 E 1, 2	(17, 6)	OTIS, IGOR	Archer, Cathro & Assoc. (1981) Ltd. (Ogilvie J.V.)
106 E 2	(4)	FLUNK	Archer, Cathro & Assoc. (1981) Ltd. (Ogilvie J.V.)
106 E 3	(5)	FORSTER (MST)	Archer, Cathro & Assoc. (1981) Ltd. (Ogilvie J.V.)
106 E 6	(9)	BONNET PLUME	Pan Ocean Oil
114 (B.C.)		PANTHER	Canex Placer
114 P 7, 8 (B.C.)		CANDY MOUNTAIN	Noranda Exploration Co., Ltd.
114 P 10 (B.C.)		PARTON RIVER	Noranda Exploration Co., Ltd.
114 P 15 (B.C.)		MULE CREEK	Noranda Exploration Co., Ltd.
115 A 3	(1)	JACKPOT	Jackpot Copper
115 A 8	(17)	DEVILHOLE? (GREEN EAGLE, JOY)	Phelps Dodge
115 F 15	(33)	CANALASK (MICRO)	P. Versluce
115 F 15, 16	(33)	CANALASK (MICRO)	Canalask Nickel Syndicate
115 G 5	(18)	WELLGREEN (QUILL CREEK)	Hudson Bay Exploration & Development Co. Ltd.
115 G 5	(18)	WELLGREEN	Hudson Bay Exploration & Development Co. Ltd.
115 G 6	(12)	CORK	Imperial Oil
115 H 2	(12)	AISHIHIK	Hudson Bay Exploration & Development Co. Ltd.
115 H 8, 105 E 5	(8)	DIVISION	Arjay Kirker Resources
115 H 8	(8)	DIVISION (TESLIN)	Teslin Exploration
115 H 9	(4)	MACK'S	A. Arsenault, P. Versluce
115 H 12, 5	(16)	SEKULMUN	M. Nichiporick
115 H 15	(19)	BUFFALO (TAH)	Noranda Exploration Co., Ltd.
115 I 1	(3)	TANTALUS BUTTE	Tantalus Butte
115 I 3	(40)	MT. NANSEN	Area Explorations
115 I 5	(23)	CASH	Archer, Cathro & Assoc. (1981) Ltd. (Klotassin J.V.)
115 I 5	(21)	FROG (LILYPAD)	Archer, Cathro & Assoc. (1981) Ltd. (Ukon J.V.)
115 I 6	(26, 64)	REVENUE, NUCLEUS	Archer, Cathro & Assoc. (1981) Ltd. (Nat J.V.)
115 I 6	(34)	LAFORMA	Rayrock Mines
115 I 6	(63)	DART	Noranda Exploration Co., Ltd.
115 I 7	(36)	GRANITE MOUNTAIN (MARCH)	Archer, Cathro & Assoc. (1981) Ltd. (Dawson Range J.V.)
115 I 7	(5)	WILLIAMS CREEK	Archer, Cathro & Assoc. (1981) Ltd.
115 I 11	(14)	MINTO	United Keno Hill Mines Ltd.

115 I 13	(51)	KERR? (WON)	Kerr Addison Mines Ltd.
115 I 14	(17)	PELLY (PELLY, DARY)	Occidental Petroleum
115 O 11	(25)	MCKINNON (MAC, FOX)	McKinnon Rand Resources
115 O 14	(90)	DAWSYND	Arbor Resources Inc.
115 P 13	(13)	CLEAR CREEK (URA)	Beach Gold Mines
115 P 14	(42)	ZETA	Noranda Exploration Co., Ltd.
116 B 3, 2, 115 O 14, 15	(4)	UNEXPECTED	Archer, Cathro & Assoc. (1981) Ltd.
116 B 7	(91)	MAIDEN (TING)	Archer, Cathro & Assoc. (1981) Ltd.
116 B 7	(78)	MARN	Noranda Exploration Co., Ltd.
116 B 8, 11	(95)	OD (OD, LALA)	Union Miniere
116 B 9, 10	(86)	TAK	Noranda Exploration Co., Ltd.
116 B 11	(99)	GULCH (RACKLA)	Chevron Standard Ltd.
116 C 7	(17)	CLINTON CREEK	Cassiar Asbestos
116 C 8	(27)	CASSIAR CREEK (SUBMARINE)	Noranda Exploration Co., Ltd.
116 G 1	(8)	MILCH (KAREN)	Milchem Canada

EMR EXPLORATION ACTIVITY STATISTICS

(Dollar Values in 000's)

	YUKON	CANADA
DISTRIBUTION BY TYPE OF WORK		
Surface Drilling		
Metres	68,221m	1,764,646m
Cost	$6,110	$130,004
Surveys - Other Field Costs		
Geochemistry	1,245	15,780
Geology	1,880	37,668
Ground Geophysical	334	21,159
Airborne Geophysical	227	6,112
Miscellaneous	5,531	137,795
Total Field Cost	$18,463	$348,518
DISTRIBUTION BY COMMODITIES		
Base Metals	3,726	93,596
Precious Metals	13,771	189,807
Ferrous Metals	203	7,487
Uranium	55	34,054
Miscellaneous	364	3,486
Non-Metals	1	7,218
Coal	0	8,972
General Exploration	343	3,898
Total	$18,463	$348,518
DISTRIBUTION OF SURFACE DRILLING BY COMMODITIES		
Base Metals	8,301m	412,546m
Precious Metals	58,031m	975,336m
Ferrous Metals	163m	10,465m
Uranium	0m	207,908m
Miscellaneous	1,726m	12,047m
Non-Metals	0m	25,330m
Coal	0m	120,966m
Total	68,221m	1,764,646m
DISTRIBUTION BY TYPE OF COMPANY		
Canadian Producers	12,336	150,061
Affiliates of Canadian Producers	1,186	48,452
Oil Companies	972	17,408
Foreign Companies (Excluding Oil Co.)	1,907	36,771
Canadian Government Agencies (Excluding Canadian Producers)	0	29,736
Others (Mainly Junior Mining Co.)	2,997	66,090
Total	$18,463	$348,518

Statistics compiled by Department of Energy, Mines and Resources from company submissions.

LIST OF REFERENCES

ABBOTT, J.G. 1982. Structure and Stratigraphy of the Macmillan Fold Belt; Evidence for Devonian Faulting. pp. 22-27, in D.I.A.N.D. 1982: YEG 1981, Dept. of Indian Affairs and Northern Development, 282 pp.

ARCHER CATHRO AND ASSOCIATES (1981) LIMITED. 1983. Northern Cordillera Mineral Inventory. Private file.

ATKINSON, D., BAKER, D.J. 1985. Recent developments in the picture of Mactung; Abstract from Joint CIM/GAC Symposium on Mineral Deposits of Northern Cordillera; Pages 26, 27 In D.I.A.N.D. 1985. Yukon Exploration and Geology 1983; Dept. of Indian Affairs and Northern Development, Geology Section Publication.

BAILES, R.J., BLAKADAR, D.W., SMEE, B.W. 1985. Stratiform lead-zinc-silver deposits, Jason prospect, Macmillan Pass, Yukon. Abstract from Joint CIM/GAC Symposium on Mineral Deposits of Northern Cordillera; Page 21 In D.I.A.N.D. 1985. Yukon Exploration and Geology 1983; Dept. of Indian Affairs and Northern Development, Geology Section Publication.

BLUSSON, S.L. 1966. Frances Lake map-area; Geol. Surv. Can., Preliminary Map 6-1966.

BLUSSON, S.L. 1971. Sekwi Mountain map-area; Yukon Territory and District of Mackenzie; Geol. Surv. Can., Paper 71-22 (Including Map 1333A).

BLUSSON, S.L. 1974. Operation Stewart (northern Selwyn Basin): Mount Eduni (106 A), Bonnet Plume Lake (106 B), Nadaleen River (106 C), Lansing (105 N) and Niddery Lake (105 O); Geol. Surv. Can., Open File 205.

BLUSSON, S.L. 1976. Selwyn Basin, Yukon and District of Mackenzie; Geol. Surv. Can., Paper 76-1A, p. 131-132.

BOSTOCK, H.S. 1936a. Preliminary report - prospecting possibilities of Teslin - Quiet Lake - Big Salmon area, Yukon; Geol. Surv. Can., Paper 36-2.

BOSTOCK, H.S. 1936b. Mining industry of Yukon, 1935; Geol. Surv. Can., Mem. 193.

BOSTOCK, H.S. 1937. Mining industry of Yukon, 1936; Geol. Surv. Can., Mem. 209.

BOSTOCK, H.S. 1938. Mining industry of Yukon, 1937; Geol. Surv. Can., Mem. 218.

BOSTOCK, H.S. 1939. Mining industry of Yukon, 1938; Geol. Surv. Can., Mem. 220.

BOSTOCK, H.S. 1941. Mining industry of Yukon, 1939 and 1940; Geol. Surv. Can., Mem. 234.

BOSTOCK, H.S. 1942. Ogilvie, Yukon Territory; Geol. Surv. Can., Map 711A.

BOSTOCK, H.S. 1947. Mayo, Yukon Territory; Geol. Surv. Can., Map 890A.

BOSTOCK, H.S. 1948. Preliminary map, McQuesten, Yukon Territory (Map and descriptive notes); Geol. Surv. Can., Paper 48-25 (Including Preliminary Map 48-25A).

BOSTOCK, H.S. 1953. Potential mineral resources of Yukon Territory; Geol. Surv. Can., Paper 50-14 (Revised Edition).

BOSTOCK, H.S. 1957. Yukon Territory, Selected Field Reports of the Geological Survey of Canada 1898 to 1933, Yukon Territory; Geol. Surv. Can., Mem. 284.

BOYLE, R.W. 1965. The geochemistry of arsenic, Keno Hill - Galena Hill area, Yukon, Canada; Pages 757-770 In Dr. D.N. Wadia Commemorative Volume. Mining, Geol. and Metall, Inst. of India. Calcutta, India.

BROCK, R.W. 1910. Work of the Director - Yukon Territory; Geol. Surv. Br., Summ. Rept. for 1909, p. 14-26.

CAIRNES, D.D. 1908. Whitehorse and Tantalus regions; Geol. Surv. Br., Summ. Rept. for 1907, p. 10-15.

CAIRNES, D.D. 1910. Preliminary memoir on the Lewes and Nordenskiold Rivers coal district; Geol. Surv. Can., Mem. 5.

CAIRNES, D.D. 1912. Wheaton district, Yukon Territory; Geol. Surv. Can., Mem. 31 (Including Map 60A).

CAIRNES, D.D. 1915a. Upper White River district, Yukon; Geol. Surv. Can., Mem. 50 (Including Map 123A).

CAIRNES, D.D. 1915b. Exploration in southwestern Yukon; Geol. Surv. Can., Summ. Rept. for 1914, p. 10-33.

CAIRNES, D.D. 1916. Wheaton District, southern Yukon; Supplement to Geol. Surv. Can., Mem. 31. Geol. Surv. Can., Summ. Rept. for 1915, p. 36-49.

CAIRNES, D.D. 1917. Scroggie, Barker, Thistle and Kirkman Creeks, Y.T.; Geol. Surv. Can., Mem. 97.

CAMPBELL, R.B. 1967. Geology of the Glenlyon map-area; Geol. Surv. Can., Mem. 352 (Including Maps 1221-A and 1222-A).

CAMPBELL, R.B., DODDS, C.J. 1982a. Geological map of the S.W. Kluane map-area 115 F and G, Geol. Surv. Can., Open File 829.

CAMPBELL, R.B., DODDS, C.J. 1982b. Geology of Mount St. Elias map-area 115 B and C. Geol. Surv. Can., Open File 830.

CAMPBELL, R.B., DODDS, C.J. 1982c. Geology of S.W. Dezadeash map-area 115A. Geol. Surv. Can., Open File 831.

CAMSELL, C. 1907. Report on the Peel River and tributaries, Yukon and Mackenzie; In Annual Report, 1904 Vol. XVI, Part CC.

CECILE, M.P. 1980a. Generalized Geological Map in the area of the Northern Selwyn and Mackenzie Mountains; Geol. Surv. Can., Open File 710.

CECILE, M.P. (COMP) 1980b. Geology of Northeast Niddery Lake Map Area, Yukon (105 O); Geol. Surv. Can., Open File 765.

CECILE, M.P., HUTCHEON, I.F., GARDNER, V. 1982. Geology map of the Northern Richardson Anticlinorium 106 L 12,13, 116 I 9,16 Geol. Surv. Can., Open File 875.

COCKFIELD, W.E. 1919a. Explorations in Yukon Territory; Geol. Surv. Can., Summ. Rept. for 1917 B, p. 1-8.

COCKFIELD, W.E. 1919b. Silver-lead deposits of the Twelve Mile area, Yukon; Geol. Surv. Can., Summ. Rept. for 1918 B, p. 15-17.

COCKFIELD, W.E. 1921. Sixty Mile and Ladue Rivers area, Yukon; Geol. Surv. Can., Mem. 123.

COCKFIELD, W.E. 1922. Silver-lead deposits of Davidson Mountains, Mayo District, Yukon; Geol. Surv. Can., Summ. Rept. for 1921 A, p. 1-6.

COCKFIELD, W.E. 1924. Silver-lead deposits of Beaver River area, Yukon; Geol. Surv. Can., Summ. Rept. for 1923 A, p. 22-28.

COCKFIELD, W.E. 1925. Upper Beaver River area, Mayo District, Yukon; Geol. Surv. Can., Summ. Rept. for 1924 A, p. 1-8. (Includes Map No. 2064).

COCKFIELD, W.E. 1928a. Silver-lead deposits of Fifteen Mile Creek, Yukon; Geol. Surv. Can., Summ. Rept. for 1927 A, p. 8-10.

COCKFIELD, W.E. 1928b. Silvr-lead deposits of Rude Creek, Yukon; Geol. Surv. Can., Summ. Rept. for 1927 A, p. 11-13.

CRAIG, D.B., LAPORTE, P.J. 1972. North of 60 -Mineral Industry Report 1969 and 1970. Vol. 1 - Yukon Territory and southwestern sector, District of Mackenzie; Canada, Dept. of Indian Affairs and Northern Development, Northern Economic Development Branch, Report EGS 1972-1.

CRAIG, D.B., MILNER, M.W. 1975. North of 60 - Mineral Industry Report 1971 and 1972, Yukon Territory; Vol. 1 of 3. Canada, Dept. of Indian Affairs and Northern Development, Northern Natural Resources and Environment Branch, Report EGS 1975-76.

DAWSON, G.M. 1889. Rept. on an exploration in the Yukon District, N.W.T., and adjacent northern portion of B.C.; Geol. and Nat. Hist. Surv. Can., Annual Rept. for 1887-1888, Vol. 3 (Pt. 1); Rept. B, p. 5-261 (Including Maps 275, 276, 277). See also Geol. Surv. Can., Pub. No. 629 (Including Maps 274-277 incl.), pub. in 1888.

DAWSON, G.M. 1899. Summ. rept. of the Geol. Surv. Dept. for the year 1897, by the Director; Geol. Surv. Can., Annual Rept. for 1897 (New Series), Vol. X (Pt. A), p. 7-9.

DAWSON, K.M. 1975. Carbonate-hosted zinc-lead deposits of the northern Canadian Cordillera; Pages 239-241 In Rept. of activities, Pt. A: April to October 1974. Geol. Surv. Can., Paper 75-1A.

D.I.A.N.D. 1971. Mines and Mineral Activities, 1971; Dept. of Indian Affairs and Northern Development, p. 73.

D.I.A.N.D. 1981. Yukon Geology and Exploration, 1979-1980; Dept. of Indian Affairs and Northern Development, Geology Section Publication, 364 pp.

D.I.A.N.D. 1985. Yukon Exploration and Geology 1983; Dept. of Indian Affairs and Northern Development, Geology Section Publication, 317 pp.

D.I.A.N.D. 1982. Yukon Exploration and Geology 1981; Dept. of Indian Affairs and Northern Development, Geology Section Publication, 282 pp.

D.I.A.N.D. 1983. Yukon Exploration and Geology 1982; Dept. of Indian Affairs and Northern Development, Geology Section Publication, 259 pp.

DOUGLAS, R.J.W. 1976. Geology, La Biche River, District of Mackenzie; Geol. Surv. Can., Map 1380A.

DOWLING, D.B. 1915. Coal Fields and Coal Resources of Canada, Geol. Surv. Can., Mem 59.

ECKSTRAND, O.R. 1972. Geology of Canadian Nickel Deposits; Pages 81-82 In Rept. of activities, Pt. A: April to October, 1971. Geol. Surv. Can., Paper 72-1A.

FINDLAY, D.C. 1967. The mineral industry of Yukon Territory and southwestern District of Mackenzie, 1966; Geol. Surv. Can., Paper 67-40.

FINDLAY, D.C. 1969a. The mineral industry of Yukon Territory and southwestern District of Mackenzie, 1967; Geol. Surv. Can., Paper 68-68.

FINDLAY, D.C. 1969b. The mineral industry of Yukon Territory and southwestern District of Mackenzie, 1968; Geol. Surv. Can., Paper 69-55.

GABRIELSE, H., et al. 1973. Geology of the Flat River, Glacier Lake and Wrigley Lake map-areas (95 E, L, M), District of Mackenzie and Yukon Territory; Geol. Surv. Can., Mem. 366 (Includes Maps 1313A, 1314A, 1315A).

GARRETT, R.G. 1971. Regional geochemical census of plutonic rocks in eastern Yukon Territory; Pages 72-73, Geol. Surv. Can., Paper 71-1A.

GLEESON, C.F. 1970. Heavy mineral studies in the Klondike area, Yukon Territory; Geol. Surv. Can., Bull. 173.

Gleeson, C.F., Boyle, R.W. 1980. The Lithogeochemistry of the Keno Hill District, Yukon Territory; Geol. Surv. Can., Paper 77-31. 19 pp.

GOODFELLOW, W.D., JONASSON, I.R. 1985. Environment of formation of the Howard's Pass (XY) Zn-Pb deposit, Selwyn Basin, Yukon and Northwest Territories; Abstract from Joint CIM/GAC Symposium on Mineral Deposits of Northern Cordillera; Page 19 In D.I.A.N.D. 1985. Yukon Exploration and Geology 1983; Dept. of Indian Affairs and Northern Development, Geology Section Publication.

GORDEY, S.P. 1980. Nahanni Map Area, Yukon Territory and Northwest Territories (105 I); Geol. Surv. Can., Open File Report 689.

GORDEY, S.P. 1981. Structural Cross Section, Northern Selwyn and Mackenzie Mountains; Geol. Surv. Can., Open File 807.

GREEN, L.H. 1965. The mineral industry of Yukon Territory and southwestern District of Mackenzie, 1964; Geol. Surv. Can., Paper 65-19. 94 pp.

GREEN, L.H. 1966. THe mineral industry of Yukon Territory and southwestern District of Mackenzie, 1965; Geol. Surv. Can., Paper 66-31.

GREEN, L.H. 1968. Lode mining potential of Yukon Territory; Geol. Surv. Can., Paper 67-36.

GREEN, L.H. 1971. Geology of Mayo Lake, Scougale Creek and McQuesten Lake map areas, Yukon Territory (105 M 15, 106 D 2, 106 D 3); Geol. Surv. Can., Mem. 357 (Includes Maps 1270A, 1269A, 1268A).

GREEN, L.H. 1972. Geology of Nash Creek, Larsen Creek and Dawson map-areas, Yukon; Geol. Surv. Can., Mem. 364 (Includes Maps 1282A, 1283A, 1284A).

GREEN, L.H., GODWIN, C.I. 1963. The mining industry of Yukon Territory and southwestern District of Mackenzie, 1962; Geol. Surv. Can., Paper 63-38.

GREEN, L.H., GODWIN, C.I. 1964. The mineral industry of Yukon Territory and southwestern District of Mackenzie, Northwest Territories, 1963; Geol. Surv. Can., Paper 64-36.

GROSS, G.A. 1969. Geology of iron deposits in Canada; northern Ontario, Yukon, Queen Charlotte Islands (41, 116 C, 103 F); Pages 111-112 In Rept. of activities, Pt. A: April to October, 1968. Geol. Surv. Can., Paper 69-1A.

JELETZKY, J.A. 1960. Uppermost Jurassic and Cretaceous rocks, east flank of the Richardson Mountains between Stony Creek and Lower Donna River, Northwest Territories -- 106 M and 107 B (Pt. of); Geol. Surv. Can., Paper 59-14.

JOHNSTON, J.R. 1936. A reconnaissance of Pelly River between MacMillan River and Hoole Canyon, Yukon; Geol. Surv. Can., Mem. 200 (Includes Map 394A).

JOHNSTON, J.R. 1937. Geology and mineral deposits of Freegold Mountain, Carmacks District, Yukon; Geol. Surv. Can., Mem. 214 (Includes Map 450A).

JOHNSTON, R.A.A. 1915. A list of Canadian mineral occurrences; Geol. Surv. Can., Mem. 74.

JONASSON, I.R., GOODFELLOW, W.D. 1985. Sedimentary and diagenetic textures annd deformation structures within the sulphide zone of the Howard's Pass (XY) Zn-Pb deposit, Yukon and Northwest Territories; Abstract from Joint CIM/GAC Symposium on Mineral Deposits of Northern Cordillera; Pages 19, 20 In D.I.A.N.D. 1985. Yukon Exploration and Geology 1983; Dept. of Indian Affairs and Northern Development, Geology Section Publication.

KEELE, J. 1910. A reconnaissance across the Mackenzie Mountains on the Pelly, Ross and Gravel Rivers, Yukon and Northwest Territories; Canada, Dept. of Mines, Geol. Surv. Br., Publication No. 1097.

KINDLE, E.D. 1945. Geological reconnaissance along the Canol Road, from Teslin River to Macmillan Pass, Yukon; Geol. Surv. Can., Paper 45-21 (Including Preliminary Map 45-21A).

KINDLE, E.D. 1953. Dezadeash map-area; Geol. Surv. Can., Mem. 268 (Includes Map 1019A).

KIRKHAM, R.V. 1971. Geology of copper and molybdenum deposits; Page 85 In Rept. of activities, Pt. A: April to October, 1970. Geol. Surv. Can., Paper 71-1A.

LAMBERT, M.B. 1974. The Bennett Lake cauldron subsidence complex, B.C. and Y.T.; Geol. Surv. Can., Bull. No. 227.

LAYNE, G.D., SPOONER, E.T.C. 1985. The JC Sn-Fe-F (Be-B-As) skarn, Wolf Lake Area, Yukon Territory; Abstract from Joint CIM/GAC Symposium on Mineral Deposits of Northern Cordillera; Pages 28, 29 In D.I.A.N.D. 1985. Yukon Exploration and Geology 1983; Dept. of Indian Affairs and Northern Development, Geology Section Publication.

LEES, E.J. 1936. Geology of Teslin-Ouiet Lake area, Yukon; Geol. Surv. Can., Mem. 203.

LENNAN, W.B. 1985. Ray Gulch tungsten skarn deposit Dublin Gulch area; Abstract from Joint CIM/GAC Symposium on Mineral Deposits of Northern Cordillera; Pages 27, 28 In D.I.A.N.D. 1985. Yukon Exploration and Geology 1983; Dept. of Indian Affairs and Northern Development, Geology Section Publication.

LITTLE, H.W. 1959. Tungsten deposits of Canada; Geol. Surv. Can., Econ. Geol. Series. No. 17.

LORD, C.S. 1944. Geological reconnaissance along the Alaska Highway between Watson Lake and Teslin River, Yukon and B.C.; Geol. Surv. Can., Paper 44-25 (Includes Prelininary Map 44-25A).

MacLEAN, T.A. 1914. Lode mining in Yukon: an investigation of quartz deposits in the Klondike Division; Canada Dept. of Mines, Mines Branch, publication No. 222.

McCLAY, D.R., BIDWELL, G.E. 1985. The geology of the Tom deposit, Macmillan Pass, Yukon Territory; Abstract from Joint CIM/GAC Symposium on Mineral Deposits of Northern Cordillera; Pages 21, 22 In D.I.A.N.D. 1985. Yukon Exploration and Geology 1983; Dept. of Indian Affairs and Northern Development, Geology Section Publication.

McCONNELL, R.G. 1890. Report on an exploration in the Yukon and Mackenzie Basins, N.W.T.; Geol. and Nat. Hist. Surv. Can., Annual Report 1888-89, Vol. 4D, p. 5-144.

McCONNELL, R.G. 1902. Report on the Klondike gold fields; Geol. Surv. Can., Annual Report (n.s.) for 1901, Vol. 14B, p. 1-71 (Includes Maps 772, 885, 886). Or Geol. Surv. Can., Publication No. 884.

McCONNELL, R.G. 1903a. The MacMillan River, Yukon District; Geol. Surv. Can., Annual Report for 1902-1903, Vol. XV-A, p. 22-38.

McCONNELL, R.G. 1903b. Exploration of the Stewart River from its mouth to Fraser Falls, the Yukon between Stewart and Cliff Creek and the Whitehorse Copper deposits, Yukon; Pages 38-52A In Dawson, G.M. Summary report of the Geol. Surv. Dept. for the year 1900, by the Director; Pages 1-38 In Bell, R. Annual Report for 1900. Geol. Surv. Br., Annual Report for 1900, Vol. 8A.

McCONNELL, R.G. 1904. Klondike District, Yukon Territory; Geol. Surv. Can., Summ. rept. for 1903. Vol. XV-AA, p. 34-42.

McCONNELL, R.G. 1905. The Kluane mining district; Geol. Surv. Can., Annual (or summary) Rept. for 1904, Vol. XVI-A, p. 1-18 (Includes Map 894).

McKINNEY, J.S. 1985. Bonnett Plume Coalfield; Abstract from Joint CIM/GAC Symposium on Mineral Deposits of Northern Cordillera; Page 24 In D.I.A.N.D. 1985. Yukon Exploration and Geology 1983; Dept. of Indian Affairs and Northern Development, Geology Section Publication.

MILLER, D., WRIGHT, J. 1985. Mel barite-zinc-lead deposit; Abstract from Joint CIM/GAC Symposium on Mineral Deposits of Northern Cordillera; Pages 22, 23 In D.I.A.N.D. 1985. Yukon Exploration and Geology 1983; Dept. of Indian Affairs and Northern Development, Geology Section Publication.

MOFFIT, F.H., KNOPF, A. 1910. Mineral resources of the Nabesna-White River District, Alaska; U.S. Geological Survey, Bulletin 417, p. 51-57. (See also U.S.G.S. Bulletin 379, p. 161-180).

MORGANTI, J.M. 1985. Geology and mineralization of the Howard's Pass zinc-lead deposits, Yukon-Northwest Territories; Abstract from Joint CIM/GAC Symposium on Mineral Deposits of Northern Cordillera; Pages 18, 19 In D.I.A.N.D. 1985. Yukon Exploration and Geology 1983; Dept. of Indian Affairs and Northern Development, Geology Section Publication.

MORIN, J.A. 1981a. Element distribution in Yudon gold silver deposits. pp 68-84, in D.I.A.N.D. 1981: YEG 1979-80, D.I.A.N.D., 364p.

MORIN, J.A. 1981b. Volcanogenic iron and base metal occurrences in Klondike Schist. pp 91-97, in D.I.A.N.D. 1981: YEG 1979-80, D.I.A.N.D., 364p.

MORIN, J.A., SINCLAIR, W.D., CRAIG, D.B., MARCHAND, M. 1977. North of 60 - Mineral Industry Report, 1976, Yukon Territory; Canada, Dept. of Indian Affairs and Northern Development, Report EGS 1977-1.

MORIN, J.A., MARCHAND, M., CRAIG, D.B., DEBICKI, R.L. 1979. North of 60 - Mineral Industry Report, 1977, Yukon Territory; Canada, Dept. of Indian Affairs and Northern Development, Report EGS 1978-9.

MORIN, J.A., MARCHAND, M., DEBICKI, R.L. 1980. Mineral Industry Report, 1978, Yukon Territory; Canada, Dept. of Indian Affairs and Northern Development.

MULLER, J.E. 1967. Kluane Lake map-area, Yukon Territory (115 G, 115 F (East half)). Geol. Surv. Can., Mem. 340 (Includes Maps 1177A and 1178A).

MULLIGAN, R. 1963. Geology of Teslin map-area, Yukon Territory (105 C); Geol. Surv. Can., Mem. 326 (Including Map 1125A).

MULLIGAN, R.H. 1975. Geology of Canadian tin occurrences; Geol. Surv. Can., Geol. Rept. No. 28, 155 pp.

NORRIS, D. K. 1972. Structural and stratigraphic studies in the tectonic complex of the northern Yukon Territory, north of Porcupine River; pp. 91-99, Geol. Surv. Can., Paper 72-1B.

NORRIS, D.K. 1974. Structural and stratigraphic studies in the northern Canadian Cordillera; Pages 343-349, Geol. Surv. Can., Paper 74-1A.

NORRIS, D.K. 1975. Hart River (116 H), Wind River (106 E) and Snake River (106 F) geology maps; Geol. Surv. Can., Open File Rept. 279.

NORRIS, D.K. 1976. Structural and stratigraphic studies in the Northern Canadian Cordillera; Pages 457-466, Geol. Surv. Can., Paper 76-1A.

NORRIS, D.K. 1977. Geological maps of Yukon Territory and Northwest Territories, (117 A,B,C,D); Geol. Surv. Can., Open File 499.

NORRIS, D.K. (COMP.) 1980. Geology, Northern Yukon Territory and Northwestern District of Mackenzie; Geol. Surv. Can., Open File Rept. 715.

NORRIS, D.K. 1981a. Geology, Ogilvie River map-area, northern Yukon Territory, (116 F, E 1/2); Geol. Surv. Can., Open File 783.

NORRIS, D.K. 1981b. Geology of Blow River map-area, Yukon Territory (117 A); Geol. Surv. Can., Map 1516A.

NORRIS, D.K. 1981c. Geology of Old Crow map-area, Yukon Territory, (116 N,O); Geol. Surv. Can., Map 1518A.

NORRIS, D.K. 1981d. Geology of Bell River map-area, Yukon Territory, (116 P); Geol. Surv. Can., Map 1519A.

NORRIS, D.K. 1981e. Geology of Porcupine River map-area, Yukon Territory, (116 J,K); Geol. Surv. Can., Map 1522A.

NORRIS, D.K. 1981f. Geology of Eagle River map-area, Yukon Territory (116 I); Geol. Surv. Can., Map 1523A.

NORRIS, D.K. 1981g. Geology of Trail River map-area, Yukon Territory (106 L); Geol. Surv. Can., Map 1524A.

NORRIS, D.K. 1981h. Geology of Martin House map-area, Yukon Territory (106 K); Geol. Surv. Can., Map 1525A.

NORRIS, D.K. 1982a. Geology of Ogilvie River map-area, Yukon Territory (116 F,G); Geol. Surv. Can., Map 1526A.

NORRIS, D.K. 1982b. Geology of Hart River map-area, Yukon Territory (116 H); Geol. Surv. Can., Map 1527A.

NORRIS, D.K. 1982c. Geology of Wind River map-area, Yukon Territory (106 E); Geol. Surv. Can., Map 1528A.

NORRIS, D.K. 1982d. Geology of Snake River map-area, Yukon Territory (106 F); Geol. Surv. Can., Map 1529A.

PADGHAM, W.A. 1976. North of 60 - Mineral Industry Report 1973, Northwest Territories; Dept. of Indian Affairs and Northern Development. Report EGS 1976-9.

POOLE, W.H. et al. 1960. Geology, Wolf Lake, Yukon Territory; Geol. Surv. Can., Preliminary Map 10-1960.

READ, P.B., MONGER, J.W.H. 1976. Geology and mineral deposit maps of Kluane and Alsek ranges, Yukon Territory (parts of 115 A,B,G); Geol. Surv. Can., Open File Report 381.

RODDICK, J.A., GREEN, L.H. 1961a. Geology, Tay River, Yukon; Geol. Surv. Can., Preliminary Map 13-1961.

RODDICK, J.A., GREEN, L.H. 1961b. Geology, Sheldon Lake, Yukon; Geol. Surv. Can., Preliminary Map 12-1961.

SINCLAIR, W.D., GILBERT, G.W. 1975. North of 60 - Mineral Industry Report 1973, Yukon Territory; Canada, Dept. of Indian Affairs and Northern Development, Northern Natural Resources and Environment Branch, Report EGS 1975-7.

SINCLAIR, W.D., et al. 1975. North of 60 - Mineral Industry Report 1974, Yukon Territory; Canada, Dept. of Indian Affairs and Northern Development, Northern Natural Resources and Environment Branch, Report EGS 1975-9.

SINCLAIR, W.D., et al. 1976. Mineral Industry Report 1975, Yukon Territory; Canada, Dept. of Indian Affairs and Northern Development, Report EGS 1976-15.

SKINNER, R. 1961. Mineral industry of Yukon Territory and southwestern District of Mackenzie, 1960; Geol. Surv. Can., Paper 61-23.

SMITH, M.J., 1982. Petrology and geology of high level rhyolite intrusives of the Skukum area, 105D SW, Yukon Territory. pp. 62-73, in D.I.A.N.D. 1982: YEG 1981, Dept. of Indian Affairs and Northern Devlopment, 282 p.

SOUTHER, J.G., STANCIU, C. 1975. Operation Saint Elias, Yukon Territory: Tertiary volcanic rocks; Pages 63-70 In Rept. of activities, Pt. A: April to October, 1974. Geol. Surv. Can., Paper 75-1A.

TEMPELMAN-KLUIT, D.J. 1965. Tombstone River (116 B 7) map-area; Pages 35-36 In Rept. of activities: Field, 1964. Geol. Surv. Can., Paper 65-1.

TEMPELMAN-KLUIT, D.J. 1972. Geology and origin of the Faro, Vangorda, and Swim concordant zinc-lead deposits, central Yukon Territory; Geol. Surv. Can., Bull. 208.

TEMPELMAN-KLUIT, D.J. 1974a. Reconnaissance geology of Aishihik Lake, Snag and part of Stewart River map-areas, west central Yukon; Geol. Surv. Can., Paper 73-41 (Includes Maps 16-1973, 17-1973, 18-1973).

TEMPELMAN-KLUIT, D.J. 1974b. Geology of Carmacks area, Yukon Territory; Geol. Surv. Can., Open File 200.

TEMPELMAN-KLUIT, D.J. 1974c. Geology, Quiet Lake, Finlayson Lake, Sheldon Lake and Tay River map-areas, Yukon Territory (105 F,G,J and K); Geol. Surv. Can., Open File 212.

TEMPELMAN-KLUIT, D.J. 1977. Geology of Quiet Lake (105 F), and Finlayson Lake (105 G) map-areas, Yukon Territory; Geol. Surv. Can., Open File Report 486.

TEMPELMAN-KLUIT, D.J. 1978. Geological map of the Laberge map-area (105 E), Yukon Territory; Geol. Surv. Can., Open File Rept. 578.

TEMPELMAN-KLUIT, D.J. 1979. Transported cataclasite, ophiolite and granodiorite in Yukon: evidence of arc-continent collision; Geol. Surv. Can., Paper 79-14.

TEMPELMAN-KLUIT, D.J., ABBOTT, J.G., READ, B. 1974. Stratigraphy and structure of Pelly Mountains; Pages 43-44 In Rept. of activities, Pt. A., Geol. Surv. Can., Paper 74-1A.

TENNEY, D. 1981. The Whitehorse Coper Belt: Mining, Exploration and Geology (1967-1980). Bulletin 1, Dept. of Indian Affairs and Northern Development, Geology Section Publication, 29 pp.

VOKES, F.M. 1963. Molybdenum deposits of Canada; Geol. Surv. Can., Economic Geology Rept. No. 20.

WHEELER, J.O. 1961. Whitehorse map-areas; Geol. Surv.Can., Memoir 312 (Includes Map 1093A).

WHEELER, J.O. 1963. Geology, Kaskawulsh (Mount St. Elias, East half) Yukon Territory; Geol. Surv. Can., Map 1134A.

WHEELER, J.O., et al. 1960. Geology, Quiet Lake, Yukon Territory; Geol. Surv. Can., Preliminary Map 7-1960.

YEO, G. 1985. Iron formation in the Rapitan Group, Mackenzie Mountains, Yukon and N.W.T.; Abstract from Joint CIM/GAC Symposium on Mineral Deposits of Northern Cordillera; Pages 31, 32 In D.I.A.N.D. 1985. Yukon Exploration and Geology 1983; Dept. of Indian Affairs and Northern Development, Geology Section Publication.

YOUNG, F.G. 1972. Cretaceous stratigraphy between Blow and Fish Rivers, Yukon Territory; Pages 229-234 In Rept. of activities, Pt. A: April to October, 1971. Geol. Surv. Can., Paper 72-1A.

INDEX

A.....70,79
AB.....74
ABBA.....51
ABBEY.....101,249
Abbott, G.....22
Aberford Resources Limited.....131
A+B,C+D.....69
ABI.....69
ABRAHAM.....107
ACE (105 D).....68
ACE (115 I).....188
ACE (115 P).....219
Acheron Mines Ltd.....235
ACHERON (RG).....227
ACME.....185
ACRETE.....238
Adams Creek.....205,206
ADAMSON.....107
Adamson, J.W.....84
Adamson, R.S.....56
ADDY.....88
ADUB.....152
Aerodat Ltd.....141
AFI.....18,74
AG.....47,48
Agip Canada Limited.....12,13,71,135,138,140
AH.....181
AHEARNE.....152
AIME.....198,200
AIRBORNE.....34
AIRSTRIP.....147
AIRWAYS.....175,179
AISHIHIK.....181,250
Aishihik Lake.....23
Aishihik Lake map-area.....180-185
AJ.....15,235
A.J.....228,235
AKEL.....33
AL (106 C).....147
AL (115 H).....14,19,181,184,185
AL (115 I).....188
ALAN.....47
ALBATROS.....69
ALBERT.....37
ALE.....148
ALGAE.....148
ALICE (105 K).....15
ALICE (105 M).....120
ALLIGATOR.....68
ALLISON.....68
ALM.....97
ALMOST.....45
ALP.....129
ALPHA.....203,216
ALPHONSE.....212
ALTO.....246
AM (105 J).....103
AM (105 L).....113
Amax Northwest Mining Company Ltd.....8
Amax of Canada Limited.....8,110,248
AMBER.....14
AMBROSE.....87
AMN.....69,78
AMPHITHEATER.....175
AM-PM.....113
AND.....178
Anderson, C.....212
ANDESITE.....191
ANDREA.....127
ANDY (105 O).....129
ANDY (106 B).....145
ANGIE.....88
ANGLO.....147
ANISE.....88
ANN.....199,216
ANNI.....46
Anooraq Resources Corp.....53,54,65,74
ANT.....46
ANTHONY.....13
Antimony Mountain.....15,235,236
APE.....148
APEX (105 O).....73
APEX (105 M).....118
Arbor Resources Ltd.....169,203,251
Archean Engineering Ltd.....203
Archer, Cathro and Associates (1981) Limited...8,9
.....10,14,16,18,19,25,32,89,153,154,155,158
.....166,168,189,190,200,202,207,208,210,211,212
.....213,217,230,232,233,238,239,248,249,250,251
ARCTIC.....120
Arctic Gold and Silver Mine.....248
ARCTOS.....152
Area Explorations.....250
ARGENT.....118,119,123
ARGO.....129
ARIES.....198
Arjay Kirker Resources.....250
ARKELL.....68
ARMSTRONG.....127
ARO.....108
ARROWHEAD.....129
Arscott, D.....183,195
Arsenault, A.....250
ART.....68
Asarco Exploration of Canada.....248
Ashley, C.....77,238
Ashley Exploration Ltd.....19,238,239
ASKIN.....88
ASS.....227
Asuchak, G.Jr.....18,34
ATA.....18,70,79
ATHES.....69,74
Atlas Exploration.....249
ATOM.....45
AUP.....37
AUREOLE.....127
AUREX.....59
AURIER.....83
AURORA (105 B).....45,56
AURORA (105 H).....98
AUSTON.....225
AVENUE.....119
AYDUCK.....88,249
AXE.....93
AZTEC (105 M).....119
AZTEC (115 J-K).....193

B.....79
B.A. Resources Ltd.....56
BACHUS.....69,75
BACON(BOND).....83
BAG.....152
Baird, D.....19,185,191
BAK.....148
Baker Lake.....22
BALD EAGLE.....199
BALDY.....228

BAND....83
BANDER....219
BANG ON....241
BAR (105 B)....45
BAR (SMEG) (105 C)....61,248
BAR (105 D)....130
BARB....147
BARETTE....229
BARITE MOUNTAIN....87
BARKER....151
Barker, M....76
BARR....75
Barrier Reef Resources....249
BARRY....98,99
Bartsch, T....90
BAS....61
BASIN....161
BATES....165
BATRICK....193
Baumback, D....18,84
BBOB....130
BEA (105 B)....46
BEA (FOX) (105 K)....107
BEA (115 N-O)....199,217
Beach Gold Mines....251
BEANS....98,99
BEAR (105 D)....69
BEAR (105 M)....13
BEAR (116 F-G)....241
BEAR (116 N-O)....246
Bear Creek....205,206,230
BEAT....165,171
BEAUCHAMP....129
BEAV....15,27,29
BEAVERCROW....27
BECKER-COCHRAN....67
Beckett, S....80
BEE (105 D)....69,79,249
BEE (105 E)....83
BEE (105 I)....101
BELCARRA....225
Bell River map-area....244,247
Bellekeno Mine....10
BELLEKENO MINE....119
BELOUD....165
BEN (105 D)....69
BEN (105 O)....129
BEN (115 P)....219
Bending, D....171
BE NO. 1....119
BE NO. 2....119
BE NO. 3....119
BE NO. 4....119
BERESFORD....68
Berglynn Resources Ltd....77
Bergvinson, E....18,74
Bermingham Mine....10
BERMINGHAM MINE (ARCTIC AND MASTIFF)....120
BERMINGHAM S# II....13
BERN....246
BERNEY....67,75
BERYL....45
BESSEY....46
BETA....107
BETSY....203,216
BETTY....120
BEV (105 G)....249
BEV (106 E)....161
BEXI....69
BEYON....13,19,108,110,111
BH....229
BIBBER....147
BIBLO....241
BID (105 F)....87,90
BID (115 J-K)....193
BIG OX....88
BIG SAM....89
Big Skookum Gulch....206
BIG THING (ARCTIC)....67,248
BILL....103
Billiton Canada Ltd....38,39
BINGY (COM 45-53)....46
BIRCH....176
BIRGIT....120,123
BIRKELAND....145,249
Birkeland, A.O....48
BIRR (BEE)....101
BISHOP....198
BISMARK....199
BL....158
BLACK....37
Black, A....42,99
BLACKCAP....119
BLACK FOX....198
Black, G....166
BLACK IDA....148
BLACK JACK....97
BLACK ROCK....45
BLACKSTONE....228
BLACKWOOD (CIVI)....107
Blascsok, C....171
BLENDE....16,18,155,158
BLIND (FOTO)....107
Blind Creek....110
BLOOM....127
Blow River map-area....244,247
BLUE....47
BLUEBERRY....93
BLUEBIRD....120
BLUE LITE....152,158
BLUE ROCK....119
BLUFF....188
BNOB....88
BO....69,75
BOB (105 F)....88
BOB (105 G)....93
BOB (106 C)....147
BOB CAT....107
BOB NOB....129
BOBO....68
BOCK....176
BOJO....103
BOM....45
BOMBER....193
BON....19,199,216
Bonanza Creek....203,204,205,206,230
BONANZA KING....197
BOND (105 E)....83
BOND (106 D)....152,250
BONNET (106 C)....148
BONNET (117 A)....247
BONNET PLUME....250
Bonnet Plume Coalfield....161
Bonnet Plume map-area....144,145
Bonnet Plume River....23
Bonnet Plume River Mines....250
BOOM (KON)....87,90
BOOT....94,249

BORD (105 O).....129
BORD (115 N-O).....199
BORDER.....46
BOREAL.....193
BOSTOCK.....67
Boswell River Mines.....248
BOT (105 G).....93
BOT (115 O).....19,217
BOTWAT.....18,70,78
BOU.....247
BOUDETTE.....58
BOULDER.....219
Boulder Creek.....205,206
Boundary Creek.....15
BOW (105 G).....94
BOW (115 I).....187
Bownes, G.....78
BOX (JD).....87,90
BOX CAR.....198,202
BOY.....46
BOYLE (116 A).....225
BOYLE (116 B-C).....227
BOYLEN (SUN).....188
BOZO.....152
BR.....97
B.R.....88
BRAB.....108
BRADENS CANYON.....187
Bradley Creek.....232
BRAINE.....152,155,156,158
Brameda Resources.....249
BRANDON.....212
BRANDY.....113
Bratvold, L.....18,78
BRAZIL.....139,215
BREFAULT.....152
BREMNER.....199
BRENDON (RAM).....147
BRI.....193
BRICK.....140,141
BRIDEN.....107
BRIDGE.....213
BRIE.....87
Brinco Mining Limited.....16
BROAD-LEDGE.....227
BROCK.....129
BROD.....97,99
BRODELL.....127
BROMADROSIS.....148
BROOKS.....176
BROTEN.....97
Brown, L.....222
BROWN-McDADE.....14,198
BRUCE LAKE.....87,90
BRUK (VUG).....225
BRUMMER.....176
BRX (105 B).....47
BRX (116 B-C).....229
BS.....107
BUCHANAN.....68
Buchanan, C.....74
BUCKLAND.....198
BUD.....199
BUFFALO (105 D).....67
BUFFALO (115 H).....181,250
BUH.....163
BULL.....190
BULLION.....173
BULLIS.....246
BUM (105 L).....113
BUM (115 N-O).....198
BUMB.....84
BUMS.....83
BUN.....181
Bunka, N.....123,124
BURGER KING.....165,169,171
BURGOYNE (KEPT).....241
BURMEISTER.....198
Burt, P.....28
BURWASH.....175
BUS.....97
BUT.....152
BUTLER.....198
Butler Mountain Minerals Ltd.....58
BUTTE.....18,70,76

CA.....70,78
CAB (106 C).....148,250
CABIN (105 B).....46
CADET.....147
CAESAR.....35
Caesar,H.....99
Cairnes.....203
CALEY.....227
CALGAL (CHUNG).....88
CALIFORNIA.....193
CAMEO.....70,79
CAMERON (PAUL).....151
CAMPBELL.....93
CAN (105 B).....46,248
CAN (115 G-F).....176
CAN (115 N-O).....199,217
Canada Tungsten Mining Corporation Ltd.....14,16
.....104,105,133,141
Canadian Ferrite Ltd.....203
Canadian Mine Services.....248
Canadian Nickel Company Limited.....70
Canadian Occidental Petroleum Limited.....182
CANALASK.....175,250
Canalask Nickel Syndicate.....250
Canamax Resources Inc.....6,9,13,14,15,16,18,40,41
.....42,51,52,58,104,105,134,141,143
CANDY MOUNTAIN.....250
Canex Placer.....250
CANUSA.....87
CANYON (105 H).....97
CANYON (105 K).....13,18,108,109,111
CAR.....187
CARCROSS.....67,74
CARIBOU (105 B).....46
CARIBOU (105 M).....120
CARIBOU BORN.....245
CARIBOU CREEK.....197
CARL.....47
Carleton University.....22
CARLICK.....45,59
Carlos, A.....18,19,90,109,110,135
Carmacks map-area.....185-191
Carne, R.C.....153,154,155
CAROL (105 A).....37
CAROLYN.....103
CARPENTER.....151
Carson, J.....222
CASCA (RIDGE).....107
CASH.....14,187,190,250
CASHBOX.....37
CASINO.....193

Cassiar Asbestos.....251
CASSIAR BAR.....83
Cassiar Batholith.....9,49
CASSIAR CREEK.....251
CAT (105 C).....51,55
CAT (105 K).....108,111
CATCH.....14,182
CATS AND DOGS.....175
CAVE.....165
CEA.....18,47,59
CEDAR.....229,239
CEE.....18,79
CELESTIAL.....37
CEM.....177
CEMENT.....175
Central Electricity Generating Board (Canada) Ltd. 75
CER.....46
CESSNA.....108
CHAIN.....228
CHAIR.....193,195
CHAMP.....15
CHANCE.....119
CHANDINDU.....228
CHAP.....97
CHAPLIN (ARO).....108
CHAPMAN.....228
CHAPPIE.....161
CHARLESTON.....67
CHARLIE (95 E).....35
CHARLIE (105 D).....70,76
CHARLIE (115 A).....165
Charlie, J.....58
Cheechako Hill.....205
Chevron Canada Limited.....249
Chevron Standard Ltd.....251
CHICKALOON.....155
CHICO.....238
CHIEF.....12,71
CHLOE.....161
CHOW.....93
CHRIS.....61
CHRISTAL.....119
CHRISTINE.....118
Christopher, P.A.....38,39,49,50
CHU.....31
CHUCK.....15,108
CHUNGO.....32
CHZERPNOUGH.....88
CIM.....199
CIMA.....15,40
Cima Resources.....248
CIRQUE.....147
CIVI.....107
CJ.....37
CL.....65
CLAIRE.....83
CLANCY.....238
CLARK.....151
CLEAR CREEK.....219,251
Clear Creek.....6
CLEAR LAKE.....15,113,114
Clear Lake Deposit.....8,22
CLEAVES.....119
CLIFF.....227
CLINGON.....103
CLINTON CREEK.....227,251
CLIP.....228
CLO.....88
CLOUTIER.....152
CLYDE.....103
C.M. Exploration Ltd.....84
CO (105 B).....46
CO (115 J-K).....193
COAL RIDGE.....68
Coal River map-area.....30-32
COB.....147
COBALT.....118
COCKFIELD.....193
Cody Hawk Resources.....15,235
Cofer, B.J.....79
COFFEE.....193
COIN.....187
Coleman, H.N.....212
COLLEGE GREEN.....57,74
COLLEEN.....152
COLLIERY.....227
COLT.....107
COM (54-59) (105 B).....46
COM (115 I).....187
COMANCHE.....188
COMBO.....187,190
COMBS.....58
COMET.....198
Cominco Limited.....8,15,98,133,213,248,249
Comox Resources Ltd.....248
COMSTOCK.....118
CON (105 D).....69,74
CON (105 K).....108
CONE HILL.....227
CONGDON.....175
CONNAUGHT.....198
CONNELL.....88
CONWEST.....113
Conwest Exploration Co. Ltd.....13,15,235,249
COOKER.....148
COOT (116 F-G).....241
Copland, H.....183,184,195
CORAL-WIGWAM.....13
CORD (105 B).....47
CORD (106 D).....152
Cordilleran Engineering.....9,52,53,54,57
CORDUROY.....83
CORE.....225
CORK.....175,250
CORN CREEK (COB).....147
CORRIE.....97
COSTIN.....103
Cote, C.....191
COUSIN.....210
COWARD.....107
COW.....78
COXALL (BID).....87,90
CPA.....87
CR.....69,78
CRAG.....199
CRAIG.....148
CRAWFORD.....228
CRAZY (115 N-O).....203
CRAZY (116 B).....19,238
CRE.....46
CREAM.....35
CREAM AND JEAN.....118
CREE.....129
CREST.....163
CRO.....69
CROCK.....193
CROESUS.....120

CRO-MUR (GAMBLER).....120
CROMWELL.....67
CROOKED.....219
CROSSING.....188
CROST.....83
Crowe, P.....124
CROWN.....107
CRUIKSHANK.....199
CSA Minerals Inc.....16,55
C-Structure Mine.....10
CUAG.....200,217
CUB (105 D).....18,70,76
CUB (105 K).....107
CUB & BUNNY.....119
CUB Joint Venture.....16,89,105,249
CUNG.....243
CUP.....59
CUS.....161
CUTOFF.....68
CUZ.....31
CYA.....238
CYLINDER.....243
CYPRIOT.....165
CYPRUS.....188
Cyprus Anvil Mine.....8
Cyprus Anvil Mining Corporation Ltd.....6,10
.....15,111,249
Cyprus Exploration.....249
CYR (105 F).....87
CYR (105 G).....94,249

D.....179
Dago Hill.....22
DALE (105 B).....45
DALE (116 A).....225
DALL.....130,136
DALTON.....165
DAMBUSTER.....113
DAN.....147
DANE.....48
DANA.....107
DANGER.....87
Darney, R.....48
DART.....188,250
DARY.....251
DAVID.....58
Davidson, G.....171
Davy, R.....78
DAWG.....229
DAWN (105 D).....68
DAWN (105 M).....123
DAWSON.....199,203,216
Dawson.....8,14
Dawson Eldorado Gold Explorations Ltd.....8,10,14
.....15,16,19,200,202,207,208,212,213,230,233,239
Dawson Fault.....155
Dawson, G.M.....38,39
Dawson map-area.....226-239
Dawson Mining District.....21
Dawson Range.....6
Dawson Range J.V.....250
Dawson Syndicate(1983)Exploration Ltd. Partnership
.....203
Dawson, W.....19,203,216,238
DAWSYND.....199,203,216,251
DAYIR.....69
DB.....16,61,62
D.BURKE.....152

DC.....97
D.C. Syndicate.....16
DD.....188
DEA.....147
DEADMAN.....61
DEAL.....152
DEAN.....127
DEB.....68
Debicki, R.L.....22,200,201,207,208,209,211,233
Decker Resources Ltd.....14
DECOELI.....165
DEEK.....27
DEER.....161
DELAY.....108,110,111
DEM.....228
DEN.....178
DESTRUCTION.....175
DEV.....108
DEVILHOLE.....165,250
DEVON.....120
Dezadeash map-area.....164-171
DF.....148
DG.....108
DIAMOND.....119,124
DIANNE.....101
DICKSON.....175
Dickson, G.....14,19,190
Dickson, T.....99
DILL.....47
DIM.....97
DIRK.....88
DIVIDE (105 M).....120
DIVIDE (115 I).....188,190
DIVISION.....181,250
DIXIE.....120
DJ.....148
DK.....31
DL.....199
DOBBY.....147
DOC.....211
DODGE.....97
Dodge, J.....19,185
DODY.....87
Doge, D.....191
Doherty, R.A.....71
DOL.....93
DOLE.....199
DOLORES.....147
DOLORES CREEK.....230
DOM.....19,200,217
DOME (105 B).....45
DOME (115 I).....188
Dome Lode Development Co. Ltd.....213
DOMINION.....198,207,208,213
Dominion Creek.....23,200,208,214
DON.....61,65
DONKEY.....68
DOORMAT.....199
DOPE.....119
DOT (TEL).....108
DOUG (105 D).....79
DOUG (105 H).....97
Douglas, G.....194
Downing, D.A.....6,22,182
DOYLE.....193
DOZ.....32
DRAGON (105 J).....16,22,103,105
DRAGON (105 M).....120
DRESEN.....152

DRIFTPILE CREEK (94 K).....248
DRIFTPILE CREEK (94 L).....248
DRILL (105 D).....70,80
DRILL (105 M).....119
DROC.....88
DRURY.....113
DRY (105 C).....61
DRY (105 M).....124
DU.....46
DUB.....93,249
DUBLIN GULCH.....151
DUENSING.....175
DUGDALE.....68,79
DUFFY.....27
Dufresne, M.....23
DUKE.....175
Duke River Fault.....159
DULUTH.....173
DUNCAN.....118
DUNCAN CREEK.....120
DUNE.....148
DUNK.....69
DUO (105 L).....113
DUO (105 O).....129
Du Pont of Canada Exploration Limited.....249
DUST.....70
Duval International Corp.....16,55
DWARF.....176
DWONK.....94
DY (105 K).....108
DY (115 I).....188,191
DYAK.....103
DYKE.....241
Dynamite Oil and Gas Inc.....49

E.....179
EAGLE (FRED) (105 G).....13,94,249
EAGLE (105 M).....118,249
Eagle Creek.....15
Eagle River map-area.....244,245
EARL.....71
EAST C.....176
EAST RIDGE.....219
EATON.....152
Eaton, W.D.....189
ECONOMIC.....145
ED.....61
EDY.....32
EFFIE.....68
EG.....147
EHYOU (115 N-O).....203
EHYOU (116 B).....238
83.....203,205
EIRA.....148
EKO (GREEN STUFF).....97
EL (105 G).....93
EL (115 G).....14,178,179
ELBOW.....241
Eldorado Creek.....203,206
ELECTRIC.....93,249
ELEVENTHIRTY.....176
ELEVENTH HOUR.....213
ELGEA.....148
ELGIN.....165
ELLE.....46
ELLIOT RIDGE.....151
Elliotte, T.M.....122
ELLIS.....151
ELLYMAY.....15
Elsa.....6,8,14
ELSA.....120
Elsa Mine.....13
EMERA.....129
EMERALD.....129
EMILY.....37,42
EMMONS HILL.....187
EMMY.....129
Emond, D.S.....5,22
EMPTY.....103
ENCHANTMENT.....198
END.....113
Energy, Mines and Resources.....252
ENOF.....83
EPD.....22,219
EPIC.....175
ERA.....70,77
ERGE.....69
ERIC (105 B).....47
ERIC (115 I).....188,191
Erickson Gold Mines Ltd.....10,12
ERIN.....151
ERN (105 D).....18,75
ERN (105 E).....83,84
EROS.....88
ESANSEE.....188
ESS (105 O).....129,249
ESS (106 D).....152,159
Esso Minerals Canada.....249
ETC.....228
ETHELDA.....227
ETZEL (105 N).....127
ETZEL (105 O).....129
ETZEL (115 I).....190
EVA (105 F).....87
EVA (105 K).....108
EVE.....63,64,65
Everest Resources Corporation.....8,166
EVIEW.....69
EVING.....199
EWING.....188
EXCELSIOR.....198
Ezee Golds Ltd.....18

FACE (105 D).....18,70,78
FACE (106 D).....152
FAIRCHILD.....147,250
FAITH.....118
FAL.....129
FALL.....46
FALSE.....37
FAN.....129
FANIN.....70,77
FARGO.....107,249
Faro.....8,15,22
FARO.....6,107,111
FARO ZONE 3.....111
Faro Zone 3 Mine.....10
FAST.....101
Fawcett, T.....212
FAWCETT (WEST).....198,200,212,217
FED.....188
FEEBLE.....119
Fekete, M.....190
FELIX.....113,249
FENTON.....165
FER.....88

FERGUSON.....165
FETCH.....129,249
FETISH.....93,249
FF.....16,62
FH (JOE).....93
FIBRE.....227,238
FIDDLER.....45,248
FIF.....227
FIFTEEN MILE.....228
FIFTY.....198
FILLER.....203,216
FIN.....8,15,98
FINGER.....67
FINIT.....238
Finlayson J.V.....249
Finlayson Lake map-area.....92-94
FIONA.....219
FIREWEED (106 D).....152,158
FIREWEED (116 B-C).....227
FIRST.....88
FIRTH.....15
FIR TREE.....97
FISH.....19,216
FISHER.....118,124
FISHHOOK.....108
FISHING BRANCH.....246
FISH LAKE.....68
FIVE FINGERS MINE.....187
FLAGSTONE.....107
Flame Mine.....10
FLAT.....69
FLATASA.....127
Flat River map-area.....34,35
FLEMING.....67
Fleming, D.B.....40,41
Fleurant, S.....18,76
FLIN.....93
FLIP (MTB).....97
FLO.....119
FLOAT.....83
FLON.....93
FLUKE.....97
FLUME.....199
FLUNK.....161,250
FOG (105 G).....94
FOG (105 O).....129
FOG MOUNTAIN.....83
FOHU.....152
FOO.....108
FORBES.....151
FORD.....152
FORMO.....118,123
FORSTER (MST).....161,250
FORSURE.....61
FOSTER.....188,190
FOTHERGILL.....198
FOTO.....107
FOUND.....152
FOX (105 K).....107
FOX (105 M).....120
FOX (115 I).....14
FOX (115 O).....251
FOXY (115 N-O).....199
FOXY (116 B-C).....227
FRAN.....152
FRANCES.....97
Frances Lake map-area.....96-99
FREBRUE.....215
FRED.....13,94
FREGERG.....93
Freibergs, G.....177,239
FREISEN.....118
FRESNO.....228
FROG.....14,187,250
FROGGY.....228
FRONT.....113
FULLER.....103
FUN (105 O).....129
FUN (106 C).....148
FUR.....46
FURY.....88
FYIQ.....35
FYRE.....93,249
Fysh Creek.....15,232

GABE.....31
GAL (105 K).....15,18
GAL (105 L).....113,114
GAL (106 C).....147
GALE.....15
GALENA FRACTION.....123
GALKENO.....120
GALLOPING.....175
GAMBLER.....119,120
GAMMON.....68
GAP.....114
GARLIC.....175
GARRETT.....47
Gataga J.V.....248
GATE.....215
Gatenby, L.....19,215,217
GAYNA RIVER.....249
GE (105 A).....37
GE (105 L).....113
GEAR.....73
GEE (105 D).....68
GEE (105 G).....93
GEF.....19,229,238
GEL.....98
GEM (105 B).....45
GEM (105 E).....83
GEM (105 M).....120,123
GENTRY.....147
GEORDIE.....147
Geoterrex ltd.....203
GERLITZKI.....118
GERM.....83
GERMAINE.....227,238
Gervais, Y.....18,76
GETA.....15
GETD.....15
Getty Canadian Metals Ltd.....8,9,15,54,57,114
Getty Mines Limited.....114
GIANT (NAVAJO).....188
GIBBONS.....173
GIG.....241
GILDERSLEEVE.....147
GILL.....70
GILLESPIE.....147
GILTANA.....181
GIT.....199
GK.....88
GLEN (105 B).....47
GLEN (106 C).....148
GLEN (115 F-G).....14,175,178,179
GLENLIVET.....59
GLENLYON LAKE.....113

Glenlyon map-area.....112-114
GLENNA.....97
GNUCKLE.....152
GOAT.....46
GODDELL.....67
GOLCONDA.....68
GOLDEN AGE.....230
GOLDEN DREAM.....212
GOLDEN DUKE.....119
GOLDEN FLOAT.....190
GOLDEN ROD.....199
Golden Shamrock Resources Ltd.....166,170
Golden Slipper Resources Ltd.....248
Goldex Resources Inc.....58
GOLD HILL.....67
GOLD HILL NO.2.....120
GOLD QUEEN.....118
GOLD REEF.....67
GOLD RUN.....198,207,208
Gold Run Creek.....200
GOLDY.....188,190
GOLF.....127
Gonzales, R.A.....203
GONZO.....94
GOODMAN (AL).....147
GOPHER.....87
GOR.....71
GORD.....83,84
GORDON.....118
GOULTER.....188
GOZ CREEK.....147,249
GRACE.....225
GRAF.....113
Graham, J.....249
GRAND (105 F).....18
GRAND (105 K).....18,109,111
Granger, R.A.....190,191
GRANITE MOUNTAIN.....187,250
Grant, G.W.....235,239
Grapes, K.....22
GRAPS.....229
GRASS.....93
GRAVE.....227
GRAY (105 D).....69
GRAY (105 F).....88
GRAY (106 D).....151
GRAYLING.....87,90
Great Plains Development.....250
GREEN EAGLE.....250
GREEN GULCH.....210,211
GREEN STUFF.....97
GREGGIE.....103
GREMLIN.....161
GRENIER.....187
GREW.....87
Grew Creek.....6,13,110
GREW CREEK (CANYON).....13,108,109,111,249
GREY COPPER HILL.....151
GRIZZLY.....61
GRONK.....68
GROUCHO.....238
GROUNDHOG.....87
GROUSE.....68,73
GRUM.....15,107
Grunenberg, P.....203
GSTD.....161
GUAJALOTTE.....70,80
GUANO.....88
GUCH.....228
GUDER.....187
Gulnet, V.....18,75
GULCH.....228,231
GULL (105 B).....46
GULL (105 F).....88,249
Gullen, R.A.....215,216
GUM BEE.....37
GUN.....103
GUNSIGHT.....61
GUS.....147
GUSTAVUS.....119
GUSTY.....31
GUY.....97
GWAIHIR.....151
GYP.....93

H (PEAK).....88
HACHEY.....113
HACIENDA.....123
HACIENDA FRACTION.....123
HADYN.....87,90
HAIL.....152
HAL (105 E).....83
HAL (105 K).....107
HALE.....228
Halferdahl and Associates Ltd.....14,178
Halferdahl, L.B.....178,179
HALIFAX.....228
HAM (105 F).....87
HAM (115 O).....19,199,215
Hamel, R.....79
HAMILTON (MIKE).....225
HANK.....113
Hansen, V.....23
HARDTACK.....45,48
HARDY.....238
Hardy International Developments Ltd.....48
HARIVAL.....245
HARMAN.....93
HARNIAK.....68,79
HARPO.....238
Harris, G.....19,185,191,195
HARRISON.....147,250
HART RIVER.....225
Hart River map-area.....242,243
HARVEY.....113
HASL.....193
HAT (105 B).....16,18,58
HAT (105 D).....76
HATCH.....14,181,182
HAWHORNE.....219
HAWK (105 H).....98
HAWK (115 O).....19,199,216
Hawke, D.R.....114
Hawkes, W.....19,216
HAYES (SWEDE).....193,194
HAYES PEAK.....61
Hayes Resources Inc.....194
HAY MEADOW.....227
HAYSTACK.....198
HEAD.....16,18,47,51,58
HEALY.....228
HEART.....119
HEATHER.....35
HEAVY METAL.....70,76
HEC-TOR.....199
HECTOR-CALUMET.....120
Hector Mine.....10

HEFFRING.....199
HEIDI.....243
HEK.....108
HELEN.....97
HELEN FRACTION.....120
HELL.....108
HENCH.....103
HENDRY (DTS).....161
Henry, D.....65
Henry, P.....238
Hepner, K.....158
HERPES.....31
HESS.....129
Hess River.....6,8
Hibbing, H.....59
HIDDEN (PONT B) (105 B).....45
HIDDEN (105 F).....16,88,89,249
HIG.....83
Highland Crow Resources.....16
HIGHLANDER.....119
HIK.....14,181,183
HIKE.....119
HILCHEY.....198
Hildebrande, P.....79
HILL.....199
HILLSBOROUGH.....212
Hill, S.J.....173
HILLTOP.....188,191
HIT.....199
HITCH HIKER.....97
Hitchins, A.C.....40,41,104,105,134
Hitchins, T.....51
HL (105 B).....46
HL (106 D).....151
HLAVAY.....198
HO.....70,76
HOBO.....219
HOBOE CREEK.....248
HODDER.....113
Hodgson, C.J.....40,41
Hodson, T.W.....133
HOEY.....88
HOGAN.....118
HOGE.....175
HOGG.....88
HOGIE.....35
HOIDAHL.....247
Hollaway, M.....59
Hollaway, R.....124
HOLLIDAY.....45
HOLLY (105 K).....107
HOLLY (116 B-C).....229
HOME.....163
HOMESTAKE.....118
HOO.....93
HOOCHEKOO.....187
HOOLEO.....88
HOOT.....83
HOOTALINQUA.....83
HOPKINS (ML).....181,185
HORN.....129
HOSE.....32
HOT (105 B).....16,46,58
HOT (116 A).....225
HOT (116 B-C).....228
HOT SPRING.....118
HOWARD'S PASS.....101
HOWDEE.....94
HOWRU.....88
Hua, J.....238
HUB.....113
Huckstep, R.....195
HUDSON.....94
Hudson Bay Exploration and Development Co. Ltd...6
.....13,14,18,109,110,111,182,194,248,249,250
HUESTIS.....14,188
HUGH.....113
Hughes, R.....23
HUMP.....175
HUN (105 A).....15,18,40,41,42
HUN (115 O).....19,217
HUNDERE.....15,37,40,41,42,248
HUNG.....199
HUNGRY.....227
HUNK.....199,217
HUNKER.....213
Hunker Creek.....204,205,212,230
HUNKER DOME.....198
HUSKY (UKM) (105 M).....13,119
HUSKY (115 A).....165
Husky Mine.....10
HUSKY SW.....13
Hyde, A.W.....72
Hyde, W.....59
HYLAND.....37,42
Hyland J.V.....248

I.....46
ICE.....46
ICEF ELD.....175
ICHIE.....69
ID.....228
IDA.....225
IDAHO.....46
IGLE.....88
IGOR.....161,250
ILLIA.....69,78
ILLUSION.....83
IMP.....68
Imperial Creek.....133
Imperial Oil.....250
INCA.....8,129
INCO.....68
Inco Metals Ltd.....248,249
INDEX.....227
INDIAN.....198
INGRAM.....68
INGS.....93
Insular Belt.....12
International Mine Services.....248
IOLA.....87
IRENE (105 G).....94
IRENE (106 E).....161
IRMA.....108
IRONCLAD.....119
IRON CREEK.....61
IRVINE.....45,248
ISABEL.....119
Island Mining and Exploration Company Ltd.....18
.....74,122
Issac, G.....215
ITE.....18,123
ITSI.....103
Itsi J.V.....249
ITTLE.....14,181,185
Ittlemit Lake.....14
IVAN (DANA).....107

IVO.....35

JA.....15,235
JABBERWOCK.....219
JACK (105 A).....41
JACK (105 B).....48
JACK (105 K).....15
JACK (115 O).....210
JACKALOO.....61
JACKPOT.....165,250
Jackpot Copper.....166,250
Jackson Gulch.....230
JACKSON HILL.....22
JACOLA.....107
JACQUOT.....175
JADE.....99
Jago, B.....220
JAKE (105 G).....93
JAKE (105 H).....99
JAM.....148
JAN (105 H).....97
JAN (115 G).....178
Janatar Resources Corp.....49
JANE.....243
JANISIW.....181
JAR.....113
JARVIS.....173
JASON.....129
JAVA.....68
JAYBEE.....219
JAZ.....152
J.BILL.....14,188,190
J.C.(VIOLA).....45
J.C. Stephen Explorations Ltd.....62
JD.....87,90
JDX.....88
JEAN.....67,74
JEANETTE.....161
JECKELL.....227
JEE.....152
JEFF.....129
JENNIE.....213
JENNIFER.....173
JEPHSON.....228
JERI.....32
JEROME.....228
JILL (105 B).....16,55
JILL (115 A).....165,171
JIM.....90
JJ.....70,77
J.K.....130,131
JL.....18,74
JMT.....18,70,76
JO.....14,178
Jobin, J.....90
JOE (105 G).....93
JOE (105 H).....99
JOE (105 K).....15,108
JOE "1".....229
JOE PETTY.....69
JOHN (105 B).....47
JOHN (105 E).....83,84
John, A.....235
JOHNS.....166
Johns, J.....166
JOHOBO.....165
JOLLY.....148
JONI.....32

JOSE.....35
JOSEPHINE.....219
JOUMBIRA.....118
JOVE.....199
JOY (105 H).....99
JOY (105 N).....127
JOY (115 A).....250
JT (95 D).....31
J.T. (106 D).....152
JUBE.....61,65
JUBILEE.....67,248
Jubilee Mountain.....22
JUBJUB.....219
JULIA.....98,249
JUMPONT.....113
JUNIOR.....171
JY.....178

KALZAS (FLO).....119,123
KANE.....8,165,166,167,170
Kane Mine.....10
KANGAROO.....108
Kapusta, J.D.....131
KAREN (105 B).....49
KAREN (116 B).....251
KASKAWULSH.....173
KAT.....178
KATHLEEN.....151
KATHY.....152
KAY.....87,90
KD.....108
KEELE.....129,141
KEELE PEAK.....15,22
KEGLOVIC (HAL).....107,249
KEL.....165
KELI.....32
KELLY.....113
KEN (105 O).....129
KEN (106 F).....163
KEN (115 I).....188,191
KENNEDY.....176
Keno Hill.....6,8,16
KENO MINE.....120
KENT.....58
KEPT.....241
KERNS.....45
KERR.....188,251
Kerr Addison Mines Ltd...14,19,183,184,185,195,251
KET.....87,90
KETZA.....18,90
KETZA RIVER.....13,88
Ketza River.....6,8
Ketza River Mines Ltd.....13,18,90
KEY MOUNTAIN (BARB).....147
KEYSTONE.....227
KEY 3.....88
KH.....199,216
KID.....165,171
KIDD.....127
KIDNEY.....147
KIJO.....120
KIM (105 K).....107
KIM (116 B-C).....228
KIMBERLEY.....173
KIMI (KIM).....228
KING (106 D).....152,158
KING (115 I).....188
KING ARCTIC.....98

KING LAKE.....58
King Soloman Dome.....214
KIRK.....191
KISS.....152
KITCHEN.....61
KITL.....228
KIWI.....16,228,239
KLAM.....200,201
KLATHROW.....19,199,217
KLAW.....212
KLAZAN.....187
KLEAN.....230
KLEP.....14,19,232,238
KLETSAN.....176
Klondike area.....6,22,23,203
Klondike Project.....14
Klondike River.....203,204,205
KLONDYKE-KENO (BLUE ROCK).....119
KLOO.....165
KLOOK.....199,213
KLORT.....208
KLOT (115 J-K).....193
KLOT (115 O).....19
KLOT (116 B).....233,239
Klotassin J.V.....250
KLOX.....202
KLOYD.....210,211
Kluane.....6
Kluane map-area.....174-179
KLUKSHU.....165
KLUN.....207,208
KLUNK.....37
KM.....212
KNEIL.....98
KNOB HILL.....67
Knorr, A.....213
KODIAK.....45,48
KOE.....193,195
KOHSE.....147
KOIDERN (M).....176
KOMISH.....35
KON.....13,18,90
KOOK (CAR).....187
KOPINEC.....87
Kowalchuk, J.M.....55
KRAUSE.....228
Kreft, E.....73
KSD.....213
KTMR.....15,229,239
KUBIAK.....45,58
Kuhn, W.....166
KUKU.....12,71
KUL.....173
KULAN.....107
KUSAWA.....165
KYLA.....158
KZ.....241

LABE.....69
LABELLE.....35
LABERGE.....83
Laberge map-area.....82-84
Laberge Resources Ltd.....19,238
La Biche River map-area.....26-28
LAD.....108
LADIE FRACTION.....123
LADUE.....198
LADUE FRACTION.....118

LADY DI.....108
LAFORMA.....187,191,250
LAKE (105 D).....69
LAKE (105 M).....120
LALA.....251
LAN.....98
Lansing map-area.....126,127
LAP.....88
LAP 10.....88
LAPIE.....87
LAR.....59
Larsen Creek map-area.....224,225
Larson, H.A.....18,79
LASS.....19,199,215
LAST (95 D).....31
LAST (105 F).....88
LAST CHANCE.....249
Last Chance Creek.....206
LATER.....69
LATREILLE.....67
LAURA (105 M).....123
LAURA (106 F).....163
LAURASIA.....14
Laurasia Resources.....14
LAUREL.....238
LAVALEE.....58,79
LAWRENCE.....228
LAYSIER.....118,123
LAZIER.....123
LB.....58
LEACH.....94,249
LEAF.....130,138
LEAH.....148
LEARY.....147
LEDUC.....228
LEE.....97
LEEN.....152
LEETEE.....119
LEGAL TENDER.....68
LEN.....14
LENA.....45
Lenz, U.....185
LEOTTA.....198
LEP (115 F-G).....176
LEP (116 A).....225
LEPINE.....14,227,232,238
Lepine Creek.....15,232
LESLIE.....193
LETA.....188
LEWES RIVER.....68
LEWIS.....219
LFV.....148
LGC.....238
LH.....103
LIBERTY.....175
LICK.....46
LIL (115 I).....187
LIL (115 N-O).....199
LILYPAD.....14,250
LIME.....57
LIN.....247
LINCOLN.....61
LIND.....97
LINDSAY.....61,65,248
Lindsay, J.....248,249
Lindsay, M.....65
LING.....37
LINGHAM.....152
LINSEY.....84

LION.....181
LISA.....51
Liske, B.....123
LIT.....217
Little, C.R.....171
LITTLE MOOSE.....46
LITTLE SALMON.....113
Liverton, T.....41
Livingstone.....6
LJB.....219,222
LLOD.....245
LLOYD.....198,210,211
Lloyd, J.....210
LOBO (95 D).....31
LOBO (105 L).....113
LODE.....199
LOG.....147
LOGAN.....9,18,46,57,59
Logan Mines Ltd.....39,248
LOGJAM.....45
LOGTUNG (BERYL).....45
LOKKEN.....113
LOKO.....107
LOLO.....108
Lombard Creek.....214
LOMOND CREEK.....225
LONE STAR.....15,198
LONELY.....188
Long, P.R.....18,90
LOON.....83
LOOTZ.....31
LOPSTICK.....151
LORD (IDAHO).....45,58
LORI (105 E).....83
LORNA.....107
LORNE (105 D).....68
LORNE (105 F).....88
LOSCH.....181,185
LOST.....46
"Lost Horse's Stock".....220
LOST WERNECKE COPPER.....119
LOU.....108
LOUIE.....152
LOWNEY.....228
LP.....89,90
L'SHRA.....193,195
LTR.....19,191
LU.....108
LUBRA.....198
LUCK (105 B).....45,58,248
LUCK (115 I).....19,190
LUCKY (ANT).....46
LUCKY JOE (BURMEISTER).....198
LUCKY QUEEN.....120
Lucky Queen Mine.....10
LUCKY STRIKE.....151
LUCY.....215
LUGDUSH.....219
LUKESHANE.....18,90
LULU.....67,74
LUNAR.....72
LUSCAR.....68
LWR.....161
LYDIA.....46,49
LYN.....107,249
LYNX (105 H).....98
LYNX (106 D).....151
M.....176
MAC (105 B).....46,58
MAC (105 O).....129
MAC (OTTO) (106 C).....147
MAC (115 I).....188
MAC (115 O).....251
MACARTHUR.....113
MacDonald, A.....190
Macdonald, G.C.....63,64,65
MacDonald, P.....18,84
Mackenzie Mountains.....22
Mackrell, D.....80
MACK'S.....181,250
MACLEAN.....227,230
Maclean, G.....75
Macmillan Pass.....8,131
MacPhee, K.....79
MacPherson, G.....19,190
MACTUNG.....129
Mactung Deposit.....8
MAD.....101
MAG.....119,122
MAGIC.....161
Magni Mana Cement.....250
MAGUNDY.....88
MAHTIN.....219
MAIDEN (TING).....228,251
Main, C.A.....89
MAISY.....199
Malicky, W.....124
MALONEY.....188
MAM.....247
MAMMOTH.....147,250
MAN.....38,39
Manson, W.O.....70
MAP.....93
MAPEL.....97
MAR (105 B).....47
MAR (115 F-G).....176,177
MARBEE.....83,84
MARCH.....250
MARG.....16,151,153
MARGE.....199,215
MARGUERITE.....193
MARION.....35
MARK (105 A).....37
MARK (105 L).....113
Mark Management.....203
MARLIN.....61,63
MARMOT.....249
MARN.....228,251
MARS.....27
MARSH.....58
MARSHALL.....148
Marshall Earth Resources.....239
MARTET.....161
MARTIN.....37
Martin House map-area.....244,245
MARY (115 A).....166
MARY (115 P).....219
MAS.....47,59
MASTADON.....228
MASTIFF.....120
MAT (105 D).....70,76
MAT (105 F).....90,249
MAT (115 N-O).....199
Matheson, A.J.....213
MATHEW.....47,59
MATT.....69,75

Mattagami Lake Exploration.....220
MATT BERRY.....97
MATTSON.....225
MAUD.....187
MAUREEN.....120,124
MAX.....13
MAXI.....98
MAY (105 H).....97
MAY (105 K).....108
MAY (115 I).....188,191
MAY CREEK.....219
MAYBE.....83,84
MAYBRUN.....118
Mayo.....6,22
Mayo map-area.....117-124
Mayo Mining District.....21
MC (SWIFT) (105 B).....16,46,55
MC (105 E).....18,84
McCABE.....188
McCASH.....88
McCLUSKY.....151
McCOWAN.....113
McCrory Holdings (Yukon) Ltd.....75
McCrory, K.....77,190
McCrory, T.....59
McDISCOVERY.....193,195
McDonald, B.....23
McFaull.....215
McGeorge, B.....98
McIntyre, G.....84
McIntyre Mines Ltd.....249
McKAY HILL.....151
McKELVIE.....148
McKeown, S.....78,90
McKIM.....119
McKINNON.....198,251
McKinnon Rand Resources.....251
McLean, P.....77
McLENNAN.....176
McLeod, G.....65
M'CLINTOCK.....68
McMABE.....191
McMICHAEL.....199
McMILLAN.....31,248
McNEE.....87
McNEIL.....93
McQuesten map-area.....218-222
MED.....69,75
Medford, G.....58
MEGALAURUS.....219,222
MEHITABEL.....143
MEI.....47
MEILECKE.....151
MEISTER.....9,45
MEL (95 D).....15
MEL (105 A).....37
MEL-EAST.....31,32
MEL-HOSER.....31,248
Melnychuk, J.....38,39
MEMOIR.....175
Merl Resources Ltd.....19,215
MERRICE.....187
METALLINE.....175
MEX.....148
MEXICO.....175
MIAMI.....15
MICA.....15,40
MICH.....61
MICHELLE (106 D).....152,158
MICHELLE (116 A).....225
MICHIE.....68
MICKEY.....229
MICKEY CREEK.....227
MICRO.....250
MID (105 B).....9,45,59
MID (106 C).....148
MIDAS.....97
MIDGETT.....68
MIDNIGHT.....45,59
MIDNIGHT DOME.....227,238
MIDWAY (TOOT).....6,46
MIKE (106 D).....152,158
MIKE (116 A).....225
MIKO.....97
MILCH.....241,251
Milchem Canada.....251
MILK UM.....225
MILLER.....227,239
Miller Creek.....23
MILLER CREEK.....22,229
Miller, D.C.....32
Miller, K.W.....212
MILLET.....67
MILLHAVEN.....67
MILL HOUSE.....165
MIN.....75
MINDY.....61
MING.....108
MINK.....69
MINNESOTA.....187
MINTO.....187,250
MITCHELL.....198
MIX.....37,42
MJM.....37
MK.....193
ML (105 C).....65
ML (115 H).....181,185
MM (105 F).....87
MM (105 G).....93
MMM (MURPHY).....88
M&M.....69
MN.....108
MO (105 D).....69,75
MO (105 M).....118
MOBS.....87
MOGUL.....148
MOKO.....246
MOLLY (105 A).....37,41
MOLLY (105 F).....87
MOLY.....199
MOM.....18,75
MON.....74
MONDAY.....124
MONEY.....94
MONSTER.....228
MONT.....93
MONTANA.....67
MONTE CHRISTO.....198
MONTSE.....97
MONY.....228
MOON (105 B).....47,50
MOON (105 M).....119
MOON (115 N-O).....203
MOON (116 B).....19,238
MOONLIGHT.....129
MOOSE (105 B).....46
MOOSE (105 O).....22,129
MOOSE CHANNEL.....247

MOOSE HILL.....61
MOOSEHORN.....198
MOOSELICK.....45
MOOSE RIDGE.....219
MORAINE.....181
Moreau, J.....74
Morin, J.A.....6,22,177
Morison, S.....22
MORNING.....67
MORRISON.....228
Mortensen, J.K.....200,202,207,208,212
.....213,230,231,232,233
Mosiac Resources Ltd.....123
MOTH.....120
Moth Mine.....10
MOULE.....113
Mt. ALBERT.....118
Mt. ANDERSON.....67,248
Mt. BRONSON.....199
Mt. BURNHAM.....215
Mt. BUSH.....67
Mt. COOK (GREW).....87
Mt. GRANT.....61,64
Mt. Grant Mines Ltd.....53
Mt. HALDANE.....118
Mt. HART.....199
Mt. HINTON.....119
Mt. Hinton.....6,14
Mt. Hinton Mine.....10
Mount Keno Mine.....8,10
Mt. MISERY.....87,90
Mt. NANSEN (WEBER,HUESTIS).....188,250
Mt. Nansen.....14
Mt. REID.....67
Mt. ROSS.....87
Mt. St. Elias map-area.....172,173
Mt. SHELDON.....103
Mt. SKUKUM.....12,69,71
Mt. Skukum.....6,23
Mt. Skukum Gold Mining Corp.....12,18,76
Mt. Skukum Mine.....10
Mt. STEVENS.....67,70,74
Mt. WHEATON.....67,77
Mt. WILLIAMS.....16
MOUSE.....147
MOX.....88
MOZI.....219
MR (105 B).....46,54,59
MR (105 D).....70,77
Mrozinski, T.....76
MS.....103
MST.....161,250
MT.....124
MTB.....97
MTR.....161
MUD.....68
MUELLER.....147
MUIR.....113
MULE CREEK.....250
MULLER.....175
MULTI.....108
MULTIPLY.....228,239
MUMBO.....32
MUMS.....98
MUN.....46
MUNG.....45
MUNROE.....68
MUNSON.....45
MUR.....107
MURIEL.....70
MURPHY.....88
MURRAY (RAY).....37
MUSH.....165
MUSKETEER.....175
MUSTARD.....83
MUT.....188
MV.....129
MW.....46
MYDA.....93
MYHN (105 D).....69,74
MYHN (116 B).....239

N.....179
NABOB #2.....118
NADA.....188
NADALEEN.....148
Nadaleen River map-area.....146-148
NAGY.....165,171
Nahanni map-area.....100,101
Naharniak, N.....79
NAIAD.....69
NAN.....178
NANCY.....152
NAR.....101
Narbonne, G.....23
NARCHILLA.....97
NARL.....16,103,104
Nash Creek map-area.....150-158
NASTY.....107
NAT.....152
NAT Joint Venture.....14,189,250
NAVAJO.....188
NAZO.....37,38,39
NC.....83
NCC.....88
NDM.....152
NEBULOUS.....228
NECO.....145
NEEDLE ROCK.....197
NEF.....193
NEIL.....78
NEK.....188,191
Nelson, T.....191
NERO.....118
NESBITT.....107
NESS (MAD).....101
NEST.....147
NET.....247
NEVE.....129,140
NEW (105 D).....18,78
NEW (105 G).....94
NEW JERSEY.....151
Newmont Exploration.....249
NEWRY.....119
NEWT (106 D).....152
NEWT (115 I).....14
NIAN.....203
NIC.....219
Nichiporik, M.....249,250
NICK.....176
NIDD.....8,15,129,133
Niddery Lake.....138
Niddery Lake map-area.....128-141
98.....203,206,216
NIP.....68
Nisling Range.....14
NIT.....188,191

NITE.....45,248
NMT.....94
NO. 1 VEIN FAULT.....120
NO CASH.....120
NO CREEK.....119
NOKLUIT.....88
NOLE.....93
NOR (106 L).....245
NOR (116 B-C).....246
Noranda Exploration Co. Ltd.....18,19,59,76,78,177
.....179,190,220,222,236,248,250,251
NORD.....118
NORDEX.....193
NORK.....108
NORKEN.....103
NORRIS.....247
NORTHAIR.....188
NORTH C.....176
Northern Canada Power Commission.....249
Northern Homestake.....249
Northern Horizon Resources Corp.....8,166
NORTHERN LIGHTS.....198
North Hart Resources.....225
NORTHWEST.....37,40,41
NOT.....88
NOTT.....37,42
NOW.....151
NOWA.....35
NUCLEAR (BEAR).....241
NUCLEUS.....14,19,188,189,190,250
NUKE.....14,18,130,134,135,141
NUM.....143
NURF.....16,22,105
Nuspar Resources Ltd.....22
NUT.....16,130,141
NUTZOTIN.....193
NW.....61
NYAC.....18,74

OAKE.....46
O'BRIEN.....15,228,235
OBVIOUS.....88
Occidental Petroleum.....251
OCK.....18,84
O'CONNOR.....107
O'Connor, B.....191
OD.....229,251
ODD (105 D).....13,69
ODD (105 O).....129
OG.....228
OGILVIE.....227
Ogilvie Map-area.....240,241
Ogilvie J.V.....250
OHNO.....101
OJ.....69
OK.....120
OLD CABIN.....129
Old Crow map-area.....244,246
OLD GOLD.....45
OLGIE (TER).....107
OLIVER CREEK (EPD).....219
OLLIE.....69,78
Oly Lake.....134
OMEGA.....219
OMO.....101
ON.....98
ONCE.....161
1 FOR THE MONEY.....238

ONE HUMP.....113
ONEK.....120
1 PLUS.....203
ONION.....193
OPERATION.....87
OPULENCE.....68,75
ORE.....119,124
Orekon Ltd.....213
ORI (MAC).....188
ORION.....161
ORK.....61
ORLOFF.....181
ORO (105 B).....48
ORO (105 I).....101
ORO (115 N-O).....199
Orotek Resources Corp.....50
Orrell, J.S.....210
OSCAR.....37
OSCARS BALL.....78
OTH.....47
OTIS.....161,250
OTT.....32
OTTER.....148
OTTO.....147
OUDDER.....31
OULETTE.....46
OVOAS.....93
OWEN.....229
OWL (105 E).....83,84
OWL (105 K).....107
OX.....190
OXO.....87
OXY.....88
OZ.....228

Pacific Giant Steel Ores Ltd.....250
PACK.....93,249
PACKERS (BAND).....93
PADDY.....118
PAGISTEEL.....152,250
PAL.....187
PAN.....219
Pan Ocean Oil.....250
PANTHER (115 I).....188
PANTHER (114 (B.C.)).....249
PARENT.....118
PARK.....46
Parker, A.....166
PART.....58
PARTON RIVER.....250
PARTRIDGE (VAL A).....45
PAT (105 A).....37
PAT (105 G).....94
PAT (115 J-K).....193
PATCH.....14,182
PATT.....193
PATTERSON.....207
PATTISON (PATT).....193
PAUL (106 D).....151
PAUL (116 B).....238
PAULA (115 N-O).....203
PAULA (116 B-C).....228
PAY.....93
Paylor, V.....79
P.D.....37
PDM.....103
PEACH.....246
PEAK.....88

PEBBLE.....127
PEERLESS.....248
Peever, T.....190
PEGASEUS.....37
PELLY (105 L).....113
PELLY (115 I).....187,251
Pelly Banks Syndicate.....249
Pelly Mountains.....6
Pelly River.....110
PEN.....107
PENIBE.....19,203,216
PER.....198,215
Percival, P.W.....79
Perry, J.H.....72
PESO (REX).....151,158
PETE (105 B).....47
PETE (105 O).....129
PETE (106 L).....245
PETER.....113
PHELPS.....187
Phelps Dodge.....250
PHIL (BOB).....93
PHILP.....225
PHOTO.....165
PICA.....98
PICK.....93
PICKERING.....198
PICKHANDLE.....175
PIG.....103
PIGLET.....9,18,32
PIK.....152
PIKA.....99
PIKE.....103
PILON.....245
PIM.....88
PIMA.....118
PINE.....229,237
PINESOL.....46
PING (CORN CREEK).....147
PISA.....88
PIT.....93
PITCH.....152
PL (105 B).....9,18,58
PL (116 F-G).....241
Placerstake Resources Inc.....18,84
PLAINS (KEN).....163
PLATA.....6,8,127
Plata Mine.....8,10
PLAY.....31
PLEASANT.....127
PLINC.....19,203,205,216
PLUG (105 B).....46
PLUG (115 B-C).....173
PLUMB (NOLE).....93
PLUTO.....228
PM.....87
POG.....45
POLAR.....68,249
POLARIS.....161
POMPEI.....68
POND.....47
PONT.....46
PONT B.....45
PONY.....87
POO.....147
POOL.....27
POOLY.....69
POON.....188
POP (105 D).....18,75
POP (115 I).....198,191
PORCUPINE (105 B).....45
PORCUPINE (105 M).....120
Porcupine River map-area.....244,246
PORK.....9
PORKER.....31,32,248
PORPHYRY.....147
PORTER.....67,71,75
PORTLAND.....198,208
Portland Creek / Robinson Pup Divide.....208
Portland Gulch.....207
POTATO HILLS.....151
POW.....68
POWER.....19,185
PPR.....103
PR.....145
Preston, B.....19,39,77,190
PREVOST.....103
PRIDE.....193
Pride, C.....23
Pride, M.....23
PRIDE OF THE MOUNTAIN.....213
PRIMROSE.....67
Prism Resources.....158
Procan Exploration Co.....9
PROFEIT.....147
PRONGS.....161
PROSE (DEB).....68
PROSPECT.....198
PTARMIGAN.....68
PTERO.....148,250
PUB.....229
PUG (105 A).....37
PUG (105 K).....249
PUKELMAN.....219
PUP (105 D).....12,71
PUP (105 G).....93
PY.....94
PYROXENE.....199

QUA.....19,199,217
QUANDARY.....93
QUARTZ.....215
QUARTZ LAKE.....248
QUEEN ANNE.....207
Questor Surveys Ltd.....203
QUIET LAKE.....249
Quiet Lake map-area.....86-90
Quigley Gulch.....206
QUILL (105 F).....18,90
QUILL (115 F-G).....175,179
QUILL CREEK.....250
Quillo Resources Inc.....18,90
QUINALTA.....68
QUO.....31

RA.....215
RABBIT (105 L).....113
RABBIT (115 F-G).....176
RACHEL.....108
RACKLA.....251
RAD (105 D).....69,74
RAD (106 D).....152
RAF.....147
RAFE.....148
RAFT.....176
RAGS (105 J).....103

RAGS (105 K) (ROSS RIDGE).....107
RAIL.....228
RAILROAD.....68
RAIN.....97
RAINBOW (105 B).....45
RAINBOW (115 I).....188
Rainsford, D.R.B.....38
RAKE.....47,59
RALFO.....32
RAM (105 D).....59,248
RAM (105 F).....18,88,90
RAM (105 N).....127
RAM (106 C).....147,148
RAMA.....225
RAMBLER.....151
RAMING.....69
RAM TWO.....181,185
Rancheria.....9,16,22
RANCHERIA.....248
RANKL.....83
RAPI.....161
RAPID.....247
RAS.....245
RAT.....19,190
RAVEN (105 D).....69
RAVEN (115 N-O).....198,215
RAY (105 A).....37
RAY (105 M).....123
RAY GULCH.....151
Rayrock Mines.....250
RAZ.....108
REA.....97
READFORD.....199
REBEL.....107
RED.....79
Redden, D.....84
RED FOX.....187
RED MOUNTAIN.....61,248
REEF.....199,215
Regional Resources Ltd...9,18,52,53,54,57,58,59,90
Reid, W.....236
REIN.....228
REINDEER.....225
REN.....83
RENZO.....19,229,239
REP.....148
RESERVE.....107
REVENUE.....187,250
REX (105 M).....119
REX (106 D).....151,158
REX (115 A).....165
REX (115 O).....9,199,216
Rex Silver Mines Ltd.....158
Reynolds, G.....77
RG.....227,228
Rhodes, D.....133
RHOSGOBEL.....219
RHYOLITE.....176
RIBA.....61
RICH.....15
RIDDELL.....103
RIDGE (105 K).....107
RIDGE (115 P).....219
Ridgeway, S.....77
RIETA (MAX).....97
RIKI.....228
RILEY.....93
RIM.....83,84
RIMROCK.....225
RIN.....161
RINGO.....56
RINK.....188
RIO.....35
Riocanex Ltd.....235
Rio Tinto.....249
RIP.....193
RIS (105 A).....18,42
RIS (105 G).....93
RISBY.....87
RISCO.....228
RITCO.....37,40,41
RITZ.....101
Rivest, J.P.....191
RIVIERA.....93
ROAD.....97
ROAL.....227
ROB (105 D).....18,70,76
ROB (105 G).....93
ROB (116 B-C).....229
ROBERT SERVICE.....227
Robertson, K.L.....215
Robertson, R.....71,136,138,140
Robertson, W.....212
ROC (105 K).....15
ROC (115 I).....188
Rockridge Mining Corp.....18,78
ROCK RIVER COAL.....31
ROCKSLIDE.....176
ROCKY (105 F).....87
ROCKY (105 K).....15
ROD.....132,154
ROG.....103
Rogers Exploration Services Ltd.....166,170
Rogers, R.S.....8,72,166,170,171
ROGUE.....127
Rogue River.....8
ROM.....38,39
ROMAN.....39
RON (105 H).....97
RON (HILCHEY) (115 N-O).....198,199
ROOK.....101
ROOP.....118
ROSE (95 E).....35
ROSE (105 A).....42
ROSE (105 D).....67
ROSE (RG) (116 B-C).....228
ROSEBUD.....219
ROSE CREEK.....249
ROSS (105 I).....101
ROSS (105 M).....119
ROSSBANK.....70,79
ROSS RIDGE.....107
Ross River.....6,13
ROSY.....61
ROTH.....239
Roth, J.....104,141
ROW.....19,188,190
ROY.....73
ROYAL.....151
RPP.....88
RSVP.....113
RUBY.....199
RUBY FRACTION (UKM).....119
Ruby Mine.....10
RUDE CREEK.....193
RUDY.....103
Ruiter Creek.....232
RUM.....147

RUN (105 B)....47
RUN (115 O)....19,199,215
RUNER....118
RUNNER....120
RUSH....27
RUSK....188
RUSTY....151
RUSTY SPRINGS....246
RUTH....108
RYE....18,78

SAB....46,59
Sabo, D....123
SADIE-LADUE....119
Sadie Ladue Mine....8,10
Sahacic, A....59
SAID....71
ST. BRIDGET....225
ST. ELIAS....175
SAINVILLE....161
SAL....88
SALEKEN....246
SALLY....15
SALUTATION....147
SAM (106 D)....152
SAM (115 I)....188
SAM (115 J)....194
SAND (105 I)....101
SAND (115 J-K)....195
SANDERS....93,249
SANDOW....228
SANPETE....175
SANTA....198
SAP....113
SAS (105 G)....94
SAS (115 N-O)....200,217
SATO....181
Savell, M....177
SAVY....219
SAWMILL....37
SAYEH....61
SBS....83
SCAR....69,75
SCHEELITE DOME....219
Schellenberg, D....48
SCOT....129
SCROGGIE....193
SCYLLA....161
SEA (105 B)....46
SEA (105 K)....107
SEAFORTH....61
SEAGULL....249
Seagull Batholith....16
SEARFOSS....113
SEATTLE....219
SEATU....88
SEC....120,124
SECRET CREEK....219
SEELA....19,228,239
SEGSWORTH....119
SEK....181
SEKULMUN....181,250
Sekwi Mountain map-area....142,143
SEL....101
SELKIRK....188
SELWYN....193
Selwyn Basin....15,22
SEMENOF....83
SER....152
Serem Resources Inc....154,248
SETHER....219
SETTLEMEIR....151
SEVENSMA....175
SH....59
SHACK....19,188,190
SHAD....181
SHAFT....165
Shakwak Exploration Co. Ltd....13,18,74,76
SHALE....249
SHAMROCK....120
SHAND....228
Shandalla, C....158
SHANNON....107
SHARE....176
SHARON (KET) (105 F)....87,90
SHARON (106 D)....152
SHARON (115 I)....191
SHARON (115 O)....19,203
SHARON (116 B)....19,229,238
SHARPE....175
Sharp, R.J....98
SHANGHAI....118,123
SHAW....68
SHAY....225
SHEEP (105 D)....70,77
SHEEP (115 B-C)....173
Sheldon Lake map-area....102-105
Sheldrake, R....18,114
SHELL CREEK....227
SHEPPARD (UKM) (105 M)....119
SHEPPARD (106 D)....151
Sherman, M....90
SHERPA....103
SHIELD....101
SHILSKY....45
SHINGLE....247
SHORTY....165
SHRIMP....107
SIAN....148
SIDE....181
SIDESLIP....118
Sidher, P.S....79
SIDNEY....61
Sienkwicz, T....74
SIFTON....165
SIHOTA....152
SILVER BASIN....118
SILVER CITY....227
Silvercrest Resources Corp....8
SILVER HILL....151
SILVER KING....13,119
Silver King Mine....10
Silver Sabre Resources Ltd....18,79,249
Silver Spring Mine....8,10
SIM....129
Sime Mine....10
SIN (95 D)....32
SIN (105 B)....46
SIN (105 M)....122
SINISTER....119
SIR CHARLES TUPPER....14,232
SIR JOHN A....108
SIROLA....108
SIT DOWN....241
Sixtymile area....6
Sixtymile River....23
SJ....176

SKATE.....151
SKIN.....46
SKOL.....74
Skookum Gulch.....205
SKUKUM.....67
Skukum Resources Ltd.....75
Skyline Explorations Ltd.....166
SLAB.....152
SLAM.....93
SLATE (SM).....61
SLATER.....161
SLATS.....152
SLEWE.....69
SLIDE.....16,55
SLINE.....83
SLOUCE.....46
SM.....61
Smalley, N.....179
SMEG.....61
Smith, F.M.....48
Smith, W.O.....230
SMOKEY (105 O).....130
SMOKEY (116 B-C).....229
Snag map-area.....192-195
SNAKE (106 C).....148
SNAKE (116 B).....19,238
Snake River map-area.....162,163
SNAP.....19,181,185
SNATCH.....219
SNEET.....35
SNERD.....88
SNIP.....199
SNIPE.....181
SNOWSTAR.....152
SNYDER.....227
SOCK.....107
SOLO.....108
SOMME.....193
SON.....199
SONNY.....87
Sonora Gulch.....194
SOUP.....225
SOURCE.....46
SOURDOUGH MINE.....227
SOUTH C.....176
South Canol Highway.....63
SOUTHER.....165
SOUTH TANTALUS.....187
Sovereign Metals Ltd.....248
SP.....219
SPEARHEAD (PDM).....103
SPEC.....229
SPEC-2.....229
SPENCER.....9,47,53
SPHERE.....227
SPIS.....127
SPORK.....31
SPOT.....79
SPOTTED FAWN.....227
SPRAGUE.....219
SPRING (HL).....151,152
Springmount Operating Company.....8,10
SPRUCE.....31
SPUD.....93
SPUR.....107
SQUANGA.....61
Squaw Creek.....169
Stack, R.....58
Stakers.....18
Stammers, M.A.....52,53,54,57
STAND TO.....151
STANDARD.....129
Stange, S.....158
STAR (95 D).....31
STAR (105 B).....47,49
STAR (106 C).....147,148
STAR (115 O-N).....199
STARBIRD.....187
Starlight Energy.....111
STARR.....94
STARTIP.....61
STEELE.....97
Stephen, J.C.....62
STERLING.....45,58
Sterling, R.....215
STEVENSON.....193
STEVO.....199
Stewart, B.J.....123
Stewart River map-area.....197-217
St. Joseph Exploration Ltd.....39
STONE (105 D).....18,70,77
STONE (105 M).....120
STONEAXE.....46
STONEMARTEN.....31
STORMY (PM).....87
STOVE.....175
STQ.....46
STRADDLE.....247
Stratagex Ltd.....141
STREBCHUCK (JOUMBIRA).....118
Strebchuk, J.....158
Stretch, F.....195,215
STRIDE.....165
STRIKE.....191
STRIP (105 N).....127
STRIP (106 C).....148
STRIPE.....74
STROKER.....225
Stroshein, R.....109,110
STU (105 H).....97
STU (115 I).....188
STUMP.....88
Stutter, M.....217
STYX.....229
SUBMARINE.....227,251
SUBTRACT.....227
SUDGEN.....165
SUE (105 L).....15,113,114
SUE (115 G).....14,178
SUITS (KING LAKE).....68,249
SUL.....19,199,215
Sulpetro Minerals Ltd.....15,32
Sulphur Creek.....23
SUMI.....225
SUMMIT.....213
SUMTING.....229
SUN (105 B).....47
SUN (105 F).....88,90
SUN (105 K).....15
SUN (105 O).....129
SUN (106 C).....147
SUN (115 I).....188
SUNAGHUN.....246
SUNDOWN.....119
SUNSET.....249
SURPRISE.....70,78
SUSAN.....98,249
SUSTAK.....198

SUZANNE....98
SVENN....198
SWEDE (115 J-K)....193,194
SWEDE (116 B-C)....229
SWENSON LEASES....119
SWIFT....16,46,55
SWIFT BANANAS....119
SWIM....107
Syenite Range....220
SYLVIA....83
SYNDICATE....203,204,205,206

T....123
TAC....103
TACK....246
TAD....187
TAH....250
TAI....98
TAK....228,236,251
Takacs, S....73,237
TAKHINI....83
TAKU (105 F)....88
TAKU (105 K)....107
TALBOT....176
TALLY-HO....67
Tally Ho Exploration Co. Ltd....75,77,78
TANG....101
TANTULUS BUTTE....187,250
TANTALUS MINE....187
TANYA....97
TAPIN....147
TAR (105 K)....108
TAR (106 E)....161
TARA (NADALEEN)....148
TARFU....61
TART....228
TAT....219
TAY (105 F)....18,89,90
TAY (105 L)....113
Tay River map-area....106-111
TAYLOR....175
Taylor, W....42,59
TB....74
TEAM....46
TEC....70,77
TECH....70,76,77
Teck Corporation....235
TED....97
TEDDY....108
TEL....108
TELLURIDE....173
TENAS....107,249
TENMILE....198
TER....107
TERRY....97
TES....83
TESLIN....250
Teslin Exploration....250
Teslin map-area....60-65
Teslin Suture....23
TETA....228
TETRAHEDRITE CREEK....147
THANE....228
THATCH....14,182
THE....71
35 Vein Mine....10
THIS....199,215
THISTLE....67,74

THOMAS....107
THOR (95 C)....27
THOR (105 H)....97
THOR (116 B-C)....228,239
THORIUM....161
THRALL....46
3 TO GET READY....238
3 PLUS....203
3 2 MANY....193
TIE (105 K)....15
TIE (116 B-C)....229
TIER....88
TIKA....69,78
TIL....94
TILL....37
TILLEI....97
TIM (105 A)....37,42
TIM (105 B)....9,47,52
TIM (105 F)....88
TIM (105 H)....97
TIM (116 A)....225
TIMBERWOLF....225
TIN (105 H)....98
TIN (116 F-G)....241
TIN CAN....120
TINCUP....176
TING (95 C)....27
TING (116 B-C)....228,251
TINTA HILL....187
TINTINA (EAGLE)....13,93,249
Tintina Mines Ltd....13
Tintina Silver....249
Tintina Trench....13
TINY....98
TIZA....229
TJOP....228
TOD....47
TOKE....94
Tolbert, R.S....111
TOM (105 D)....78
TOM (105 F)....88
TOM (105 O)....129,249
TOM (106 B)....249
TOMI....32
TOMMY....37
TON....70
TONGUE....127
TONI....47
TONI TIGER....193
TONY....68
TOOT....188
TOOTS....88,90
TOP (105 D)....69
TOP (105 G)....93
TOP (116 B-C)....229,239
TOPAZIOS....68
TOPOROWSKI....147
TORO....19,191
TORRANCE....199
TOSH....181
TOTH....219
TOUCHE (106 L)....245
TOUCHE (116 I)....245
TOW....148
TOWER....19,229,238
TOWER PEAK....87
TOWHATA....187
TOWNSITE....119
TOY (REA)....97

Trace, J.....18,75
TRAFFIC.....103
Trail River map-area.....244,245
TRANZ.....27
TREDGER.....113
TREE (105 D).....70,77
TREE (105 F).....88
TREMAR.....68
TRENCH.....87
TREVA.....198
TRILBY.....199
TROLL.....69
TRONDUIT.....238
TROPICAL.....27
Troup, A.G.....169,203
TROUT.....45
TROY.....45
TRUDI.....193
TRUITT.....113
TRYALA.....129
TSS.....108
TUB (BRIE).....87
TUCHITUA.....97
Tuck, W.....123
TUDLE.....16,153
TUF (105 M).....119
TUF (115 A).....8,166
TUF (115 I).....188
TUKU.....161
TUM.....113,249
TUMMEL.....113
TUNA.....98
TUNG (105 B).....45
TUNG (116 B).....239
TURK.....229
TUSTLES.....97
TUV.....83
TWICE.....245
TWIN.....35
TWO BUTTES.....118
2 FOR THE SHOW.....238
TWO MORE.....124
TYCON.....69,72
TYER.....98
TYRO.....87,90
TYRRELL.....199

UGLY.....228
UKM.....119
Ukon J.V.....250
UMETCO.....16
UNCER.....69
UNDAL.....69
Underhill and Underhill Engineering.....239
UNEXPECTED.....227,251
Union Carbide Exploration Corp.....18,123,249
UNION MINES.....67
Union Miniere.....251
UNITED KENO HILL.....118,123
United Keno Hill Mines Ltd.....6,8,9,10,13,14,19
.....74,123,191,215,216,217,249,250
UNTILL.....69
UR.....118
URA.....251
URANUS.....69
URN.....108
URSA.....130
URSUS (105 B).....46
URSUS (106 D).....152
Utah Mines Ltd.....15,28
UTSHIG.....69

VAL (105 D).....68
VAL (106 C).....148
VAL A.....16,45
VAL B.....16,45
VALERIE.....249
Van Bibber, S.....158
VANESSA.....199
VANGORDA.....107
VANGUARD.....118
VARISCITE (MS).....103
VENUS.....9,67,248
Venus Deposit.....23
Venus Mine.....6,9,10,12
Venus Mines Ltd.....248
VERA.....148
Verley, C.G.....18,42
VERSLUCE.....175
Versluce, P.....250
VG.....190
VH.....46
VI.....216
VIC.....190
Victory Gulch.....203
VIKING.....98
VINA.....193
VINCENT.....93
VIOLA.....45
VIOLET.....198,216
VIRGIN.....227,233,239
VISTA.....27
VNER.....35
VODKA.....87
Voisine, R.....18
VOLE.....163
VOWEL.....181
VUG.....225
VULCAN.....147
VYE.....163

W.....119
WABONA.....67
WAD.....108
WADE.....19,175,179
WADE CREEK.....176
WAL.....18,70,78
WALCOTT.....68
WALSH.....83
Walton, L.....23
WALT.....129
WARBURTON.....37
WAR EAGLE.....249
WART.....246
WATER.....70
WATERS.....93
WATERFALL.....87
WATSON (105 A).....37,38,39
WATSON (105 D).....69
Watson Lake.....9
Watson Lake map-area.....36-42
Watson Lake Mining District.....21
Watson, P.....22
Waugh, D.H.....19,191

WAYNE (105 A).....42
WAYNE (105 M).....118
WEASEL.....119
WEBER.....14,188
Webster, M.P.....75
WEDGE.....190
WELCOME.....247
Welcome North Mines Ltd.....55,249,250
WELLGREEN.....175,250
WEN (106 D).....151
WEN (115 G).....178
WENDY.....103
WERN.....225
WERNECKE (105 M).....118
WERNECKE (106 E).....161
Wernecke J.V.....250
Wernecke Mountains.....23
WEST (105 D).....68
WEST (115 N-O).....200,217
WEST-DAWSON.....227
WHEATON.....77
Wheaton River Valley.....8
WHEELER.....68
WHIP.....113
WHISKEY JOE.....193
WHISKEY LAKE.....87
White, B.....190
WHITE HILL.....151
Whitehorse.....6,22,23
WHITEHORSE COAL.....68,72
Whitehorse Coal Corporation.....72
WHITEHORSE COPPER.....68,249
Whitehorse Copper Mines Ltd.....249
Whitehorse map-area.....66-80
Whitehorse Mining District.....21
Whitehorse Power Dam.....249
Whitehouse Motel Ltd.....19,216
WHITEMAN.....120,123
WHITE RIVER.....176
WIL.....8,165,166,170
WILD.....203
WILD CARD.....203
WILLIAM.....203
WILLIAMS CREEK.....187,250
WILSON.....103
Wilson, B.....71
WIMP.....88
WINAGE.....228
WIND.....47
WINDGAP.....175
Wind River map-area.....160,161
WINDY.....161
WING.....68
WINKIE (ROSS).....101
WINSLOW.....219
WISE.....101
WOAH.....98
WOE (105 D).....70,79
WOE (115 J-K).....193
WOLF (95 D).....31
WOLF (105 B).....46
WOLF (105 D).....73
Wolf Lake J.V.....248
Wolf Lake map-area.....44-59
WON.....251
Wondga, B.....191
WOOD.....198
WOODBURN.....219
WOODCHOPPER.....227
Woods, M.....18,19,77,78,238
WOOF.....12,71
WOPUS.....87
WORM.....225
WREN.....165
WX.....147
WYNNE.....15

XL (105 B).....47
XL (116 B).....19,229,238

YANG.....32
YETI.....83
YNX.....176
YOGI.....161
YONO.....119
Young, S.....18,114
YUK.....163
Yukon Barite Company Ltd.....22
Yukon Crystalline Terrane.....12
Yukon Gold Company Ltd.....230
Yukon Oil And Gas Development Ltd.....65
Yukon Revenue Mines Ltd.....189,190
YUM.....246
YUSEZYU.....97

ZAK.....46
ZAM.....47,58
ZAP (105 M).....119
ZAP (106 D).....152
ZAPPA.....193
ZEBRA.....225
ZED.....108
ZEPPO.....238
ZETA.....19,219,220,221,222,251
ZEUS.....97
ZIELINSKI.....93
ZINC.....46
ZIT.....188
ZIMMER.....93
ZIP.....19,203,216
ZOG.....147
ZULPS.....151
ZULU LADY.....47,58
ZX Joint Venture.....16